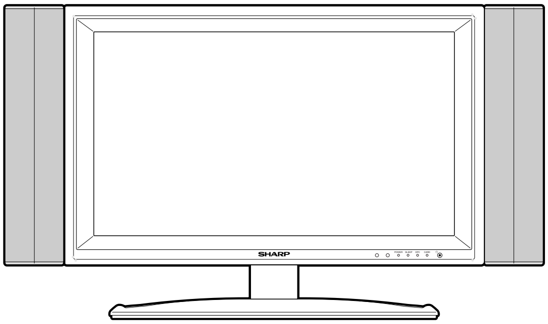
SHARP

SERVICE MANUAL

S64V2LC26GA4U



LCD COLOR TELEVISION

LC-26GA4D
MODELS LC-26GA4U

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

CONTENTS

Page

- IMPORTANT SERVICE SAFETY PRECAUTION 2
- SPECIFICATIONS 5
- OPERATION MANUAL 6
- DIMENSIONS 13
- REMOVING OF MAJOR PARTS 14
- ADJUSTMENT PROCEDURE 18
- TROUBLESHOOTING TABLE 36
- OVERALL WIRING DIAGRAM/CHASSIS LAYOUT 46
- SYSTEM BLOCK DIAGRAM 48
- MAIN BLOCK DIAGRAM 50
- CPU BLOCK DIAGRAM 52
- AV BLOCK DIAGRAM 56
- POWER BLOCK DIAGRAM 58
- DESCRIPTION OF SCHEMATIC DIAGRAM 62
- SCHEMATIC DIAGRAM 63
- PRINTED WIRING BOARD ASSEMBLIES 146
- PARTS LIST 182
- PACKING OF THE SET 221

SHARP CORPORATION

This document has been published to be used for
after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

- **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

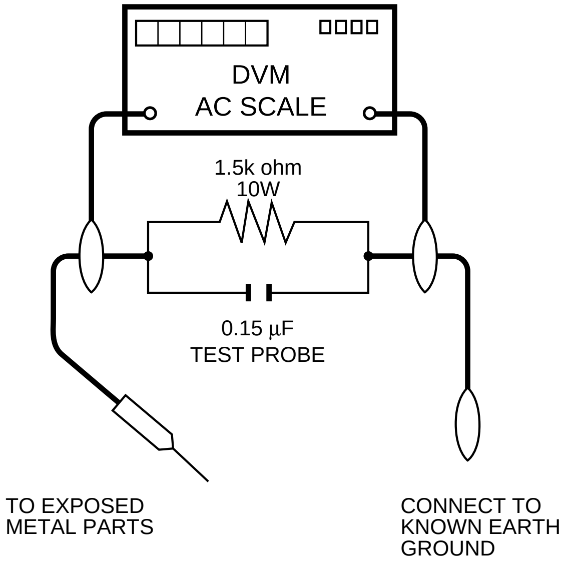
CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.
F701 (3.15A, 250V), F702 (3.15A, 250V), F703 (2A, 250V), F705 (1A, DC450V), F706 (5A, 250V), F707 (5A, 250V)

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 120volt AC outlet.
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.
  All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)
  Any reading of 0.75 Vrms (this corresponds to 0.5 mA rms AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

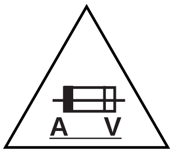
Many electrical and mechanical parts in LCD color television have special safety-related characteristics.
These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the **Replacement Parts List** and **Schematic Diagrams.**
For continued protection, replacement parts must be identical to those used in the original circuit.
The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ **Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.**

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.



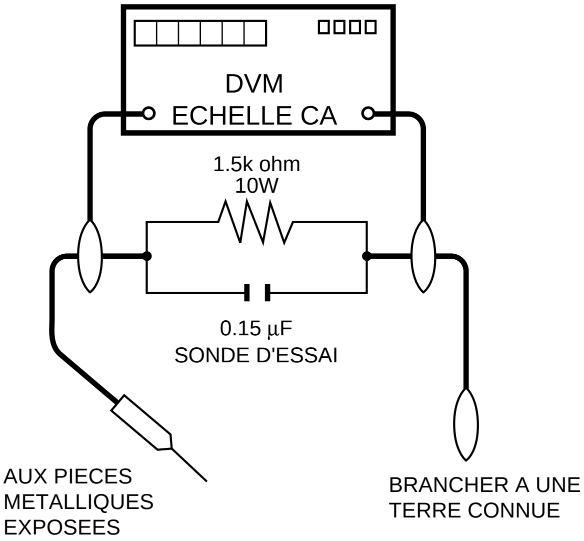
PRECAUTION: POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE F701 (3.15A, 250V), F702 (3.15A, 250V), F703 (2A, 250V), F705 (1A, DC450V), F706 (5A, 250V), F707 (5A, 250V)

VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la facon suivante:

- Brancher le cordon d'alimentation directem-ent à une prise de courant de 120V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
- A l'aide de deux fils à pinces, brancher une résistance de 1.5 kΩ 10 watts en parallèle avec un condensateur de 0.15µF en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.
- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000Ω/V pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.) Tous les courants mesurés ne doivent pas dépasser 0.5 mA.
  Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseur ACL présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.

Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque " ⚠ " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.

Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

Precautions for using lead-free solder

1 **Employing lead-free solder**

"PWBs" of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.

Example:

LFa

Sn-Ag-Cu   Indicates lead-free solder of tin, silver and copper.

2 **Using lead-free wire solder**

When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40°C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

3 **Soldering**

As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.

If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No,	★	Description	Code
ZHNDAi123250E	J	ϕ0.3mm 250g(1roll)	BL
ZHNDAi126500E	J	ϕ0.6mm 500g(1roll)	BK
ZHNDAi12801KE	J	ϕ1.0mm 1kg(1roll)	BM

SPECIFICATIONS

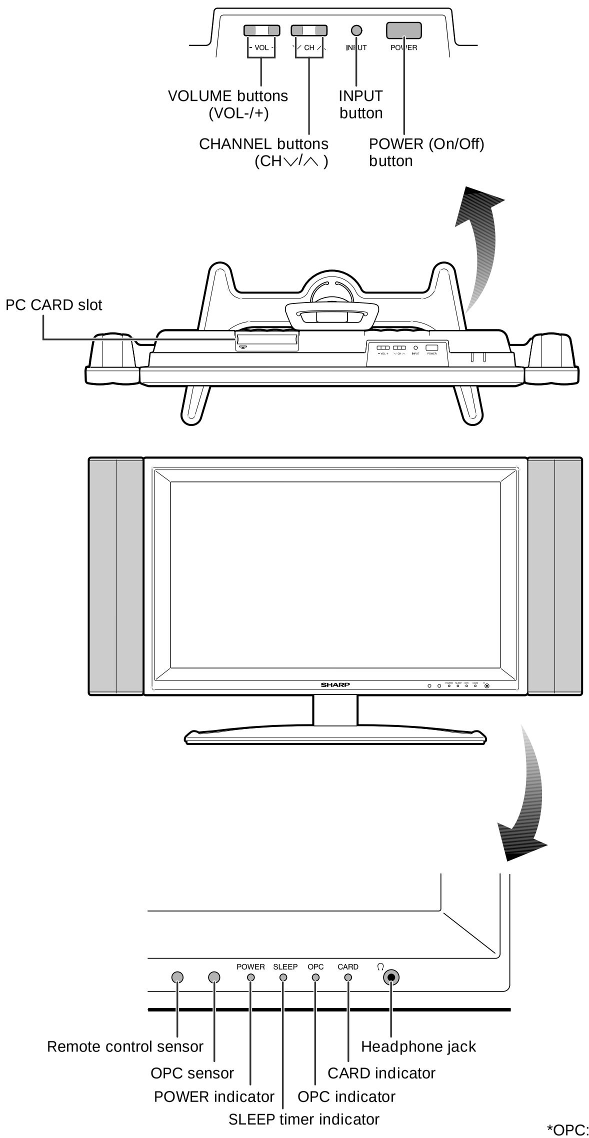
Item			**26" LIQUID CRYSTAL TELEVISION, Model: LC-26GA4U**
LCD panel			26" Advanced Super View & BLACK TFT LCD
Number of dots			3,147,264 dots (1366 × 768 × 3 dots)
TV Function	TV-standard (CCIR)		American TV Standard NTSC System
	Receiving Channel	VHF/UHF	VHF 2-13ch, UHF 14-69ch
		CATV	1-125ch
	Audio multiplex		BTSC System
Brightness			450 cd/m^2
Viewing angles			H : 170° V : 170°
Audio amplifier			10W × 2
Speakers			Ø 8cm 2pcs, Ø 2.5cm 2pcs
Terminals	Rear	INPUT 1	AV in, COMPONENT in
		INPUT 2	AV in, COMPONENT in
		INPUT 3	S-VIDEO in, AV in
		INPUT 4	HDMI in
		INPUT 5	Audio in, DVI-I in
		ANTENNA	75 Ω Unbalance, F Type for VHF/UHF/CATV in × 2, out × 1
		MONITOR OUTPUT	S-VIDEO out, AV out
		SPEAKER	4 Ω 10W (L/R)
		CENTER CHANNEL INPUT	RCA pin
	Front	Headphones	Ø 3.5mm jack
OSD language			English/French/Spanish
Power Requirement			AC 120 V, 60 Hz (FOR NORTH AMERICA) AC 110-240 V, 50/60 Hz(FOR OTHERS)
Power Consumption			139W (0.4W Standby with AC 120 V)
Weight			26.5 lbs./12 kg (Display only), 34.2 lbs./15.5 kg (with Display and speaker), 40.8 lbs./18.5 kg (with Display, speaker and stand)
Accessories			Operation manual (× 1), Remote control unit (× 1), AC cord (× 1), "AAA" size battery (× 2), RF cable (× 1)

Specifications are subject to change without prior notice.

OPERATION MANUAL

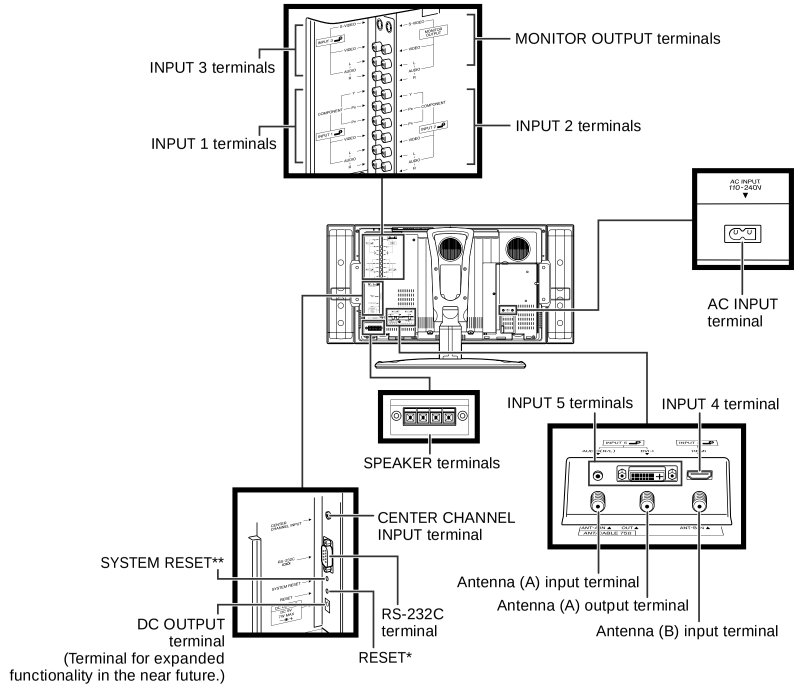
Part names

Display


VOL
CH
INPUT
POWER
VOLUME buttons (VOL-/+)
INPUT button
CHANNEL buttons (CH∨/∧)
POWER (On/Off) button
PC CARD slot
SHARP
POWER
SLEEP
OPC
CARD
Remote control sensor
Headphone jack
OPC sensor
CARD indicator
POWER indicator
OPC indicator
SLEEP timer indicator

*OPC: Optical Picture Control

Display


INPUT 3 terminals
INPUT 1 terminals
MONITOR OUTPUT terminals
INPUT 2 terminals
AC INPUT 110–240V
AC INPUT terminal
INPUT 5 terminals
INPUT 4 terminal
SPEAKER terminals
CENTER CHANNEL INPUT terminal
SYSTEM RESET**
DC OUTPUT terminal (Terminal for expanded functionality in the near future.)
RS-232C terminal
RESET*
Antenna (A) input terminal
Antenna (A) output terminal
Antenna (B) input terminal

* Press **RESET** if the TV cannot return to its original state after performing various operations.
- AV MODE resets to DYNAMIC (Fixed)
- TV channel returns to initial channel setting (Air:2ch, Cable:1 or 2ch)
- Twin picture resets to normal
- Audio setting initializes
- Dolby virtual resets to Off
- Image position initializes

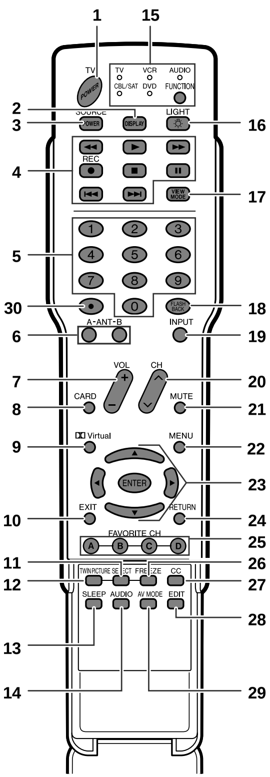
** Press SYSTEM RESET if the TV does not operate after starting up.

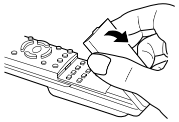
NOTE

- Pressing **RESET** will not work if the TV is in standby mode (indicator lights red).
- Pressing **RESET** will not delete channel preset or secret number. See page for clearing the secret number when you know it. See page for initializing to the factory pr eset values when you forget your secret number.

Part names

Remote control unit





NOTE

- When using the remote control unit, point it at the TV.

1 **TV POWER:** Switch the TV power on or standby.

2 **DISPLAY:** Display the channel information.

3 **SOURCE POWER:** Turns the power of the external equipment on and off.

4 **External equipment operational buttons:** Operate the external equipment.

5 **0 – 9:** Set the channel.

6 **ANT-A/B:** Select between ANT-A and B to watch broadcasts via the two tuners.

7 **VOL +/−:** Set the volume.

8 **CARD:** Switch to card mode.

9 **◻◻Virtual:** Select Virtual Dolby Surround settings.

10 **EXIT:** Turn off the menu screen.

11 **SELECT:** Select the active screen.

12 **TWIN PICTURE:** Set the twin picture mode. Press again to return to normal screen.

13 **SLEEP:** Set the sleep timer.

14 **AUDIO:** Select the MTS/SAP.

15 **FUNCTION:** Switches the remote control for TV, CBL/SAT, VCR, DVD and AUDIO operation. Indicator lights up for the current mode.

16 ☼: When pressed all buttons on the remote control unit will light. The lighting will turn off if no operations are performed within about 5 seconds. This button is used for performing operations in dark places.

17 **VIEW MODE:** Select the screen size.

18 **FLASHBACK:** Return to the previous channel or input external mode.

19 **INPUT:** Select a TV input source. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, INPUT 5, Card)

20 **CH∧/∨:** Select the channel.

21 **MUTE:** Mute the sound.

22 **MENU:** Display the menu screen.

23 **▲/▼/◀/▶/ENTER:** Select a desired item on the screen.

24 **RETURN:** Return to the previous menu screen.

25 **FAVORITE CH**
A, **B**, **C**, **D:** Select four preset favorite channels in four different categories.

While watching, you can toggle the selected channels by pressing A, B, C and D.

26 **FREEZE:** Set the still image. Press again to return to normal screen.

27 **CC:** Display captions during closed-caption source.

28 **EDIT:** Register favorite channel.

29 **AV MODE:** Select an audio or video setting.
(AV mode: STANDARD, MOVIE, GAME, USER, DYNAMIC (Fixed), DYNAMIC. PC mode: STANDARD, USER.)

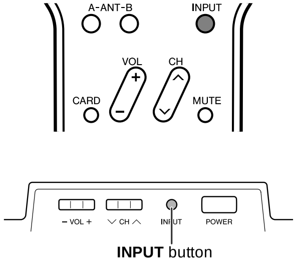
30 • (DOT)

Using external equipment

You can connect many types of external equipment to your TV, like a DVD player, VCR, Digital TV tuner, PC, HDMI equipment, game console and camcorder. To view external source images, select the input source from **INPUT** on the remote control unit or on the Display.

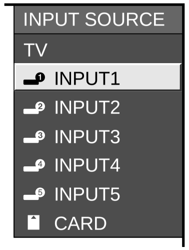
Displaying an external equipment image

Explanation here is for the setting when connecting DVD to INPUT1 terminal.



INPUT button

To watch a DVD image, select "INPUT1" from "INPUT SOURCE" menu using **INPUT** on the remote control unit or on the Display.



INPUT SOURCE
TV
INPUT1
INPUT2
INPUT3
INPUT4
INPUT5
CARD

NOTE

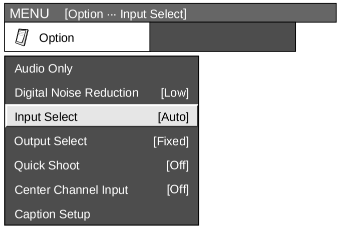
- If the image does not come in clearly, you may need to change the input signal type setting on the "Input Select" menu.

Selecting the INPUT signal

1 Press **MENU** and the MENU screen displays.

2 Press ◀/▶ to select "Option".

3 Press ▲/▼ to select "Input Select", and then press **ENTER**.



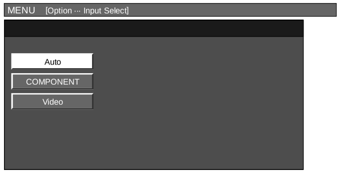
MENU [Option ··· Input Select]

Option

Audio Only	
Digital Noise Reduction	[Low]
Input Select	[Auto]
Output Select	[Fixed]
Quick Shoot	[Off]
Center Channel Input	[Off]
Caption Setup	

4 Select the desired signal type.

For INPUT1 signal



MENU [Option ··· Input Select]

Auto
COMPONENT
Video

The setting is stored and can be selected on the "INPUT SOURCE" menu.

CAUTION

- To protect all equipment, always turn off the TV before connecting to a DVD player, VCR, Digital TV tuner, PC, HDMI equipment, game console, camcorder or other external equipment.

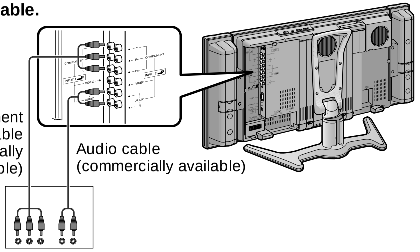
NOTE

- See pages for external equipment connection.
- Please refer to the relevant operation manual (DVD player, PC, etc.) carefully before making connections.
- Each time **INPUT** is pressed, the input source toggles.
- Refer to your external equipment operation manual for the signal type.

Connecting a DVD player

You can use the INPUT 1, INPUT 2, INPUT 4 or INPUT 5 terminals when connecting to a DVD player and other audiovisual equipment.

When using component cable.

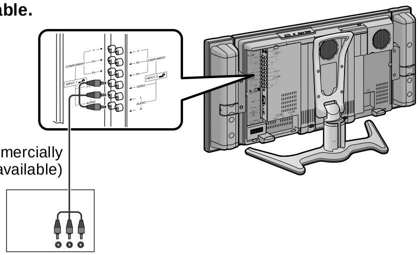


Component video cable (commercially available)

Audio cable (commercially available)

DVD player

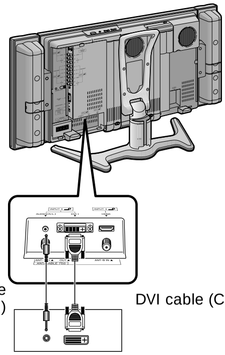
When using composite cable.



AV cable (commercially available)

DVD player

When using DVI cable. (INPUT 5)



ø 3.5 mm stereo minijack cable (commercially available)

DVI cable (Commercially available)

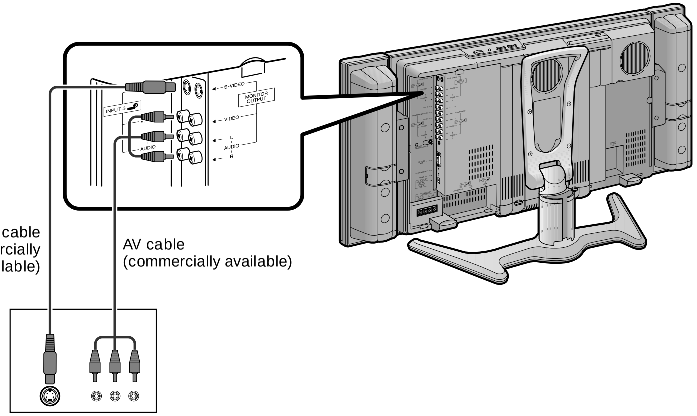
DVD player

Connecting a VCR

You can use the INPUT 3 terminal when connecting a VCR and other audiovisual equipment.

NOTE

- The S-video terminal has priority over the video terminals.



S-video cable (commercially available)

AV cable (commercially available)

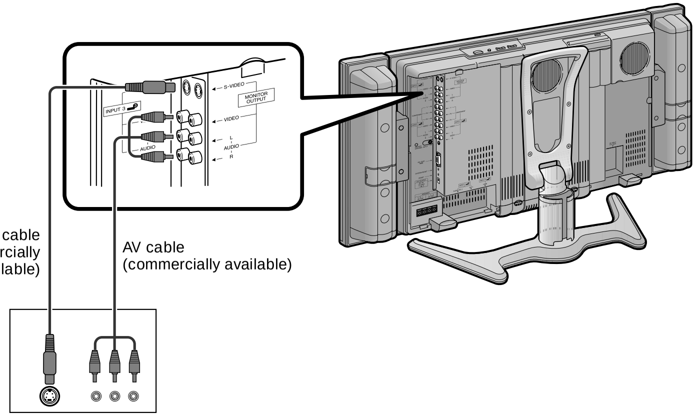
VCR

Connecting a game console or camcorder

A game console, camcorder and some other audiovisual equipment are conveniently connected using the INPUT 3 terminals.

NOTE

- The S-video terminal has priority over the video terminals.



S-video cable (commercially available)

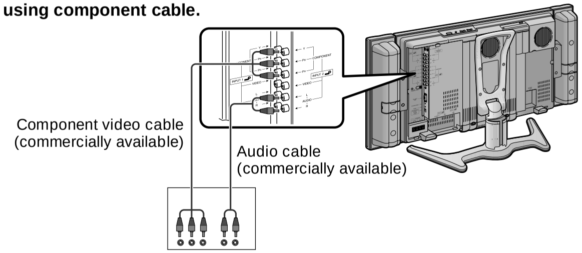
AV cable (commercially available)

Game console/Camcorder

Connecting a Digital TV STB

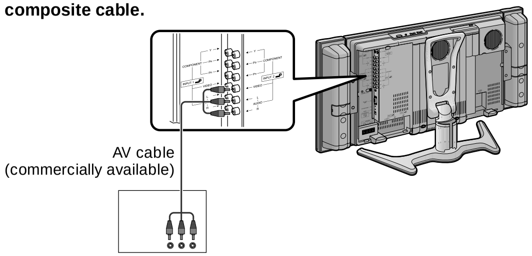
You can use the INPUT 1, INPUT 2, INPUT 4 or INPUT 5 terminals when connecting a Digital TV STB and other audiovisual equipment.

When using component cable.


Component video cable
(commercially available)
Audio cable
(commercially available)

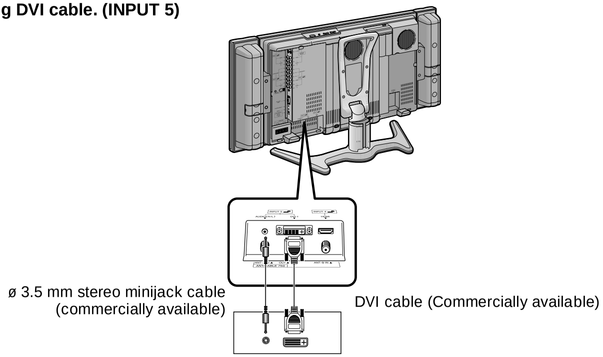
Digital TV STB

When using composite cable.


AV cable
(commercially available)

Digital TV STB

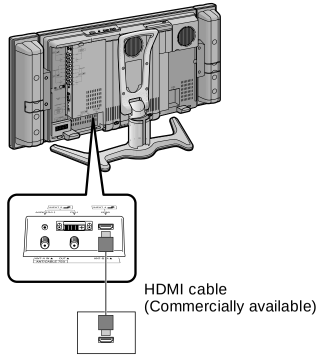
When using DVI cable. (INPUT 5)


ø 3.5 mm stereo minijack cable
(commercially available)
DVI cable (Commercially available)

Digital TV STB

Connecting HDMI equipment

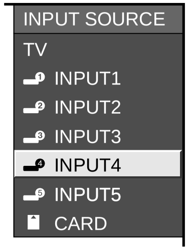
You can use the INPUT 4 terminal when connecting an HDMI equipment.


HDMI cable
(Commercially available)

HDMI equipment

Displaying an image from HDMI equipment

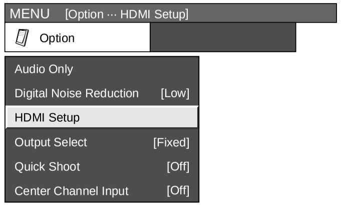
1 To watch an HDMI equipment image, select "INPUT4" from "INPUT SOURCE" menu using **INPUT** on the remote control unit or on the TV.


INPUT SOURCE
TV
INPUT1
INPUT2
INPUT3
INPUT4
INPUT5
CARD

2 Press **MENU** and the MENU screen displays.

3 Press ◄/► to select "Option".

4 Press ▲/▼ to select "HDMI Setup", and then press **ENTER**.


MENU [Option ··· HDMI Setup]
Option
Audio Only
Digital Noise Reduction [Low]
HDMI Setup
Output Select [Fixed]
Quick Shoot [Off]
Center Channel Input [Off]

5 Press ▲/▼ to select the desired item and press **ENTER**.

6 Press ▲/▼/◄/► to select the desired setting and press **ENTER**.

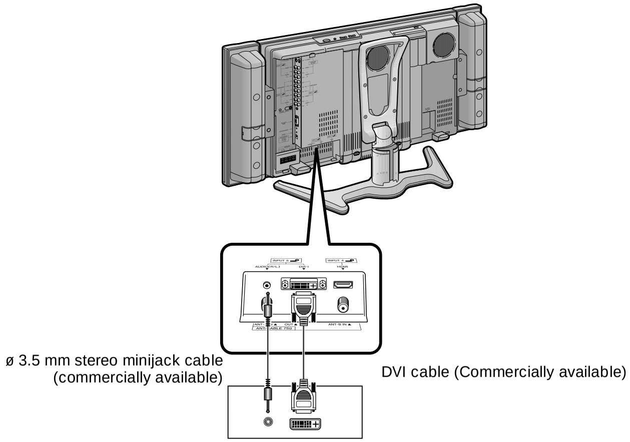
HDMI Setup items	Selectable items	Description
Signal Type	Auto/RGB/YCbCr 4:4:4/YCbCr 4:2:2	Select the signal type from an HDMI terminal. Unless the image quality looks obviously poor, select Auto.
Color Matrix	Auto/ITU601/ ITU709	Select the internal color space conversion method when an RGB signal is input. Normally, select Auto.
Dynamic Range	Standard/ Out of standard	Select the signal amplitude range. Normally, select Standard.
Auto View	Enable/Disable	Set whether or not to use VIEW MODE based on signal recognition, including an HDMI signal.

NOTE

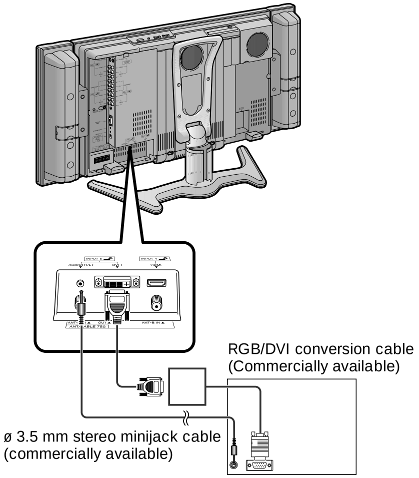
- Refer to your external equipment operation manual for the signal type.

Connecting a PC

Use the INPUT 5 terminal to connect a PC.


ø 3.5 mm stereo minijack cable
(commercially available)
DVI cable (Commercially available)

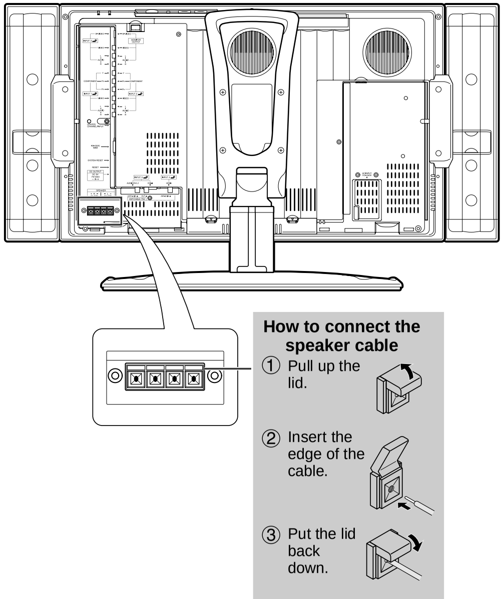
PC with DVI terminal


RGB/DVI conversion cable
(Commercially available)
ø 3.5 mm stereo minijack cable
(commercially available)

PC with analog RGB terminal

Connecting external speakers

Rear view



How to connect the speaker cable

① Pull up the lid.

② Insert the edge of the cable.

③ Put the lid back down.

Make sure to disconnect the connected speaker cables in advance when connecting external speakers.

Make sure to connect the speaker terminal and cable polarity (+, –) properly
- The speaker terminals have plus (+) and minus (–) polarity.
- Plus is red and minus is black.
- The cables are also divided into plus and minus.
- When connecting the left/right speakers, be sure to connect the plus/minus terminals with the correct cables.

NOTE
- Unplug the AC cord from the AC outlet before installing the speakers.

CAUTION
- Make sure external speakers have 4 ohm and 10 watt specifications.
- Connect the plus/minus terminals with the correct cables. Incorrect connection may cause a short.

RS-232C port specifications

PC Control of the TV

- When a program is set, the TV can be controlled from the PC using the RS-232C terminal. The input signal (PC/AV) can be selected, the volume can be adjusted and various other adjustments and settings can be made, enabling automatic programmed playing.
- Attach an RS-232C cable cross-type (commercially available) to the supplied Din/D-Sub RS-232C for the connections.

NOTE

- This operation system should be used by a person who is accustomed to using computers.

Communication conditions

Set the RS-232C communications settings on the PC to match the display's communications conditions.
The TV's communications settings are as follows:

Baud rate:	9,600 bps
Data length:	8 bits
Parity bit:	None
Stop bit:	1 bit
Flow control:	None

Communication procedure

Send the control commands from the PC via the RS-232C connector.
The TV operates according to the received command and sends a response message to the PC.
Do not send multiple commands at the same time. Wait until the PC receives the OK response before sending the next command.

Command format

Eight ASCII codes + CR

C1	C2	C3	C4	P1	P2	P3	P4	↵

Command 4-digits Parameter 4-digits Return code

Command 4-digits:Command. The text of four characters.
Parameter 4-digits:Parameter 0 – 9, x, blank, ?

Parameter

Input the parameter values, aligning left, and fill with blank(s) for the remainder. (Be sure that 4 values are input for the parameter.)
When the input parameter is not within an adjustable range, "ERR" r eturns. (Refer to "Response code for mat".)
No problem to input any numerical value for "x" on the table.

0			
0	0	0	9
	3	0	
1	0	0	
0	0	5	5

When "?" is input for some commands, the pr esent setting value responds.

?			
?	?	?	?

Response code format

Normal response

O	K	↵

Return code (0DH)

Problem response (communication error or incorrect command)

E	R	R	↵

Return code (0DH)

Command table

- About the command except being indicated here, it is outside the guarantee range of operation.

CONTROL ITEM		COMMAND	PARAMETER	CONTROL CONTENTS	
POWER SETTING		P O W R	0 _ _ _		It shifts to standby.
INPUT SELECTION A	TOGGLE	I T G D	x _ _ _	(Toggle)	It input-switches by the toggle. (It is the same as an input change key)
	TV	I T V D	0 _ _ _		It input-switches to TV. (A channel remains as it is. (Last memory))
	INPUT1-5	I A V D	* _ _ _	Input terminal number (1–5)	It input-switches to INPUT1~INPUT5.
	CARD	I C R D	x _ _ _		It shifts to CARD mode.
INPUT SELECTION B	INPUT 1	I N P 1	0 _ _ _	AUTO	An input change is also included.
			1 _ _ _	VIDEO	
			2 _ _ _	COMPONENT	
	INPUT 2	I N P 2	0 _ _ _	AUTO	
			1 _ _ _	VIDEO	
			2 _ _ _	COMPONENT	
	INPUT 5	I N P 5	5 _ _ _	DIGITAL PC	
			6 _ _ _	ANALOG PC	
			7 _ _ _	DIGITAL AV	
			8 _ _ _	ANALOG AV	
AV MODE SELECTION		A V M D	0 _ _ _	(Toggle)	Although it can choose now, it is toggle operation in inside.
			1 _ _ _	STANDARD	
			2 _ _ _	MOVIE	
			3 _ _ _	GAME	
			4 _ _ _	USER	
			5 _ _ _	DYNAMIC (Fixed)	
			6 _ _ _	DYNAMIC	
VOLUME		V O L M	* * _ _	Volume (0–60)	
POSITION	H-POSITION	H P O S	* * * _	AV mode. (10)	
			* * * _	PC mode. (0–180)	
	V-POSITION	V P O S	* * * _	AV mode. (20)	
			* * * _	PC mode. (0–100)	
	CLOCK	C L C K	* * * _	Only PC mode. (0–180)	
	PHASE	P H S E	* * * _	Only PC mode. (0–40)	
VIEWMODE		W I D E	0 _ _ _	(Toggle) [AV]	Although it can choose now, it is toggle operation in inside.
			1 _ _ _	Side Bar [AV]	
			2 _ _ _	S.Stretch [AV]	
			3 _ _ _	Zoom [AV]	
			4 _ _ _	Stretch [AV]	
			5 _ _ _	Normal [PC]	
			6 _ _ _	Zoom [PC]	
			7 _ _ _	Stretch [PC]	
			8 _ _ _	Dot by Dot [PC]	
MUTE		M U T E	0 _ _ _	(Toggle)	
			1 _ _ _	On	
			2 _ _ _	Off	
Dolby Virtual		A C D V	0 _ _ _	(Toggle)	
			1 _ _ _	On	
			2 _ _ _	Off	
AUDIO SELECTION		A C H A	x _ _ _	(Toggle)	
SLEEP TIMER		O F T M	0 _ _ _	OFF	
			1 _ _ _	OFF TIMER – 30 MIN.	
			2 _ _ _	OFF TIMER – 60 MIN.	
			3 _ _ _	OFF TIMER – 90 MIN.	
			4 _ _ _	OFF TIMER – 120 MIN.	
CHANNEL	DIRECT CHANNEL	D C C H	* * * _	The channel number of TV (1–125)	An input change is included if it is not TV display. In Air, 2–69ch is effective. In Cable, 1–125ch is effective.
	CH UP	C H U P	x _ _ _	The channel number of TV 1	If it is not TV display, it will input-switch to TV.
	CH DOWN	C H D W	x _ _ _	The channel number of TV 1	If it is not TV display, it will input-switch to TV.
ANT-A/B		A N T S	x _ _ _	(Toggle)	Change toggle operation of tuner A/B.
CC		C L C P	x _ _ _	(Toggle)	Toggle operation of a closed caption.

NOTE

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.
- As long as that from which the parameter (×) in the table is a numerical value, it may write anything.

Appendix

PC compatibility chart

PC/MAC	Resolution		Horizontal Frequency	Vertical Frequency	VESA Standard
PC	VGA	640 x 400	31.5 kHz	60 Hz	
			37.9 kHz	85 Hz	O
		720 x 400	31.5 kHz	60 Hz	
			37.9 kHz	85 Hz	O
		640 x 480	31.5 kHz	60 Hz	O
			37.9 kHz	72 Hz	O
			37.5 kHz	75 Hz	O
			43.3 kHz	85 Hz	O
	WVGA	848 x 480	31.5 kHz	60 Hz	
	SVGA	800 x 600	35.1 kHz	56 Hz	O
			37.9 kHz	60 Hz	O
			48.1 kHz	72 Hz	O
			46.9 kHz	75 Hz	O
			53.7 kHz	85 Hz	O
	XGA	1024 x 768	48.4 kHz	60 Hz	O
			56.5 kHz	70 Hz	O
			60.0 kHz	75 Hz	O
			68.7 kHz	85 Hz	O
	WXGA	1280 x 720	45.0 kHz	60 Hz	
		1280 x 768	48.1 kHz	60 Hz	
	SXGA	1280 x 1024	64.0 kHz	60 Hz	O
MAC13"	VGA	640 x 480	34.9 kHz	67 Hz	
MAC16"	SVGA	832 x 624	49.7 kHz	75 Hz	
MAC19"	XGA	1024 x 768	60.2 kHz	75 Hz	

Apple and Macintosh are registered trademarks of Apple Computer, Inc.
DDC is a registered trademark of Video Electronics Standards Association.
Power Management is a registered trademark of Sun Microsystems, Inc.
VGA and XGA are registered trademarks of International Business Machines Co., Inc.

Basic adjustment settings

AV input mode menu items

List of AV menu items to help you with operations

Picture

OPC
Backlight
Contrast
Brightness
Color
Tint
Sharpness
Advanced
  C.M.S.
  Color Temp.
  Black
  3D-Y/C
  Monochrome
  Film Mode
  I/P Setting

Audio

Treble
Bass
Balance
Dolby Virtual

Power Control

No Signal Off
No Operation Off

Setup

EZ Setup
CH Setup
Speaker Setup
Input Label
Parental CTRL
Position
Picture Flip
Language

Option

Audio Only
Digital Noise Reduction
HDMI Setup
Input Select
Output Select
Quick Shoot
Center Channel Input
Caption Setup

PC input mode menu items

List of PC menu items to help you with operations

Picture

OPC
Backlight
Contrast
Brightness
Red
Green
Blue
Advanced
  C.M.S.

Audio

Treble
Bass
Balance
Dolby Virtual

Power Control

Power Management

Setup

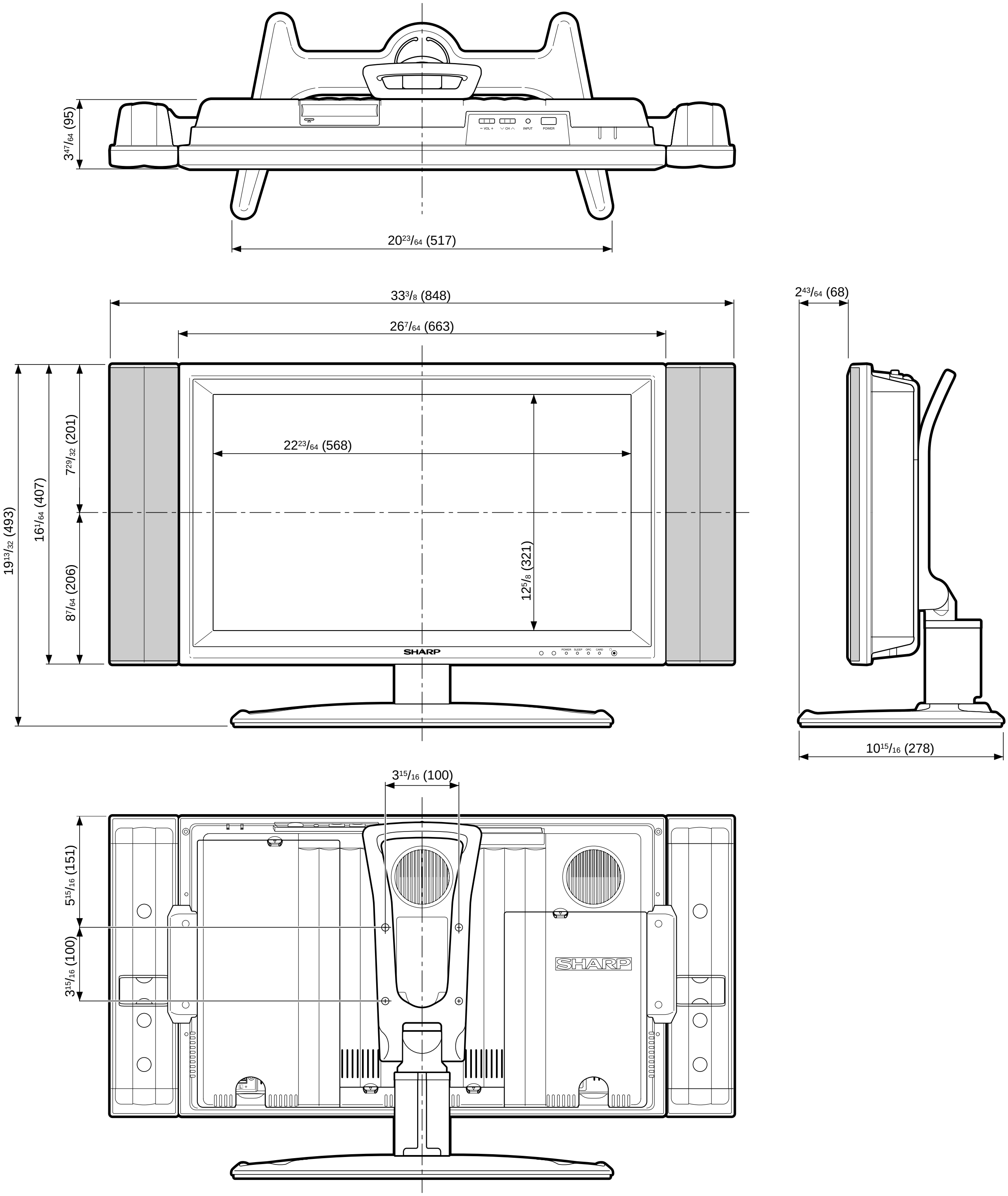
Speaker Setup
Input Signal
Auto Sync.
Input Label
Fine Sync.
Picture Flip
Language

Option

Audio Only
Input Select
Output Select
Quick Shoot
Center Channel Input

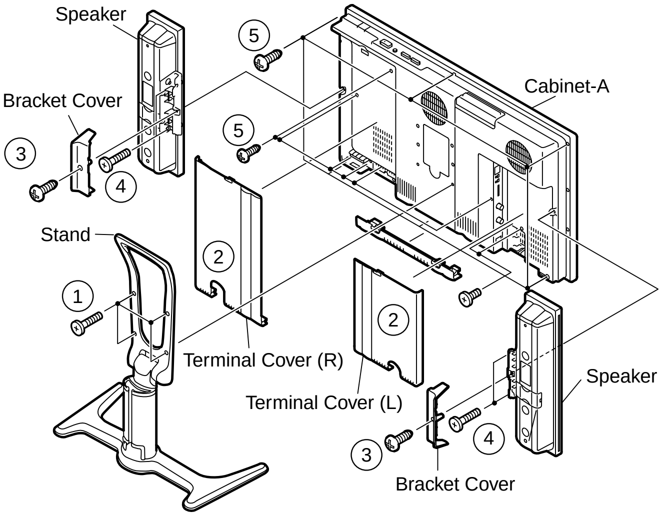
DIMENSIONS

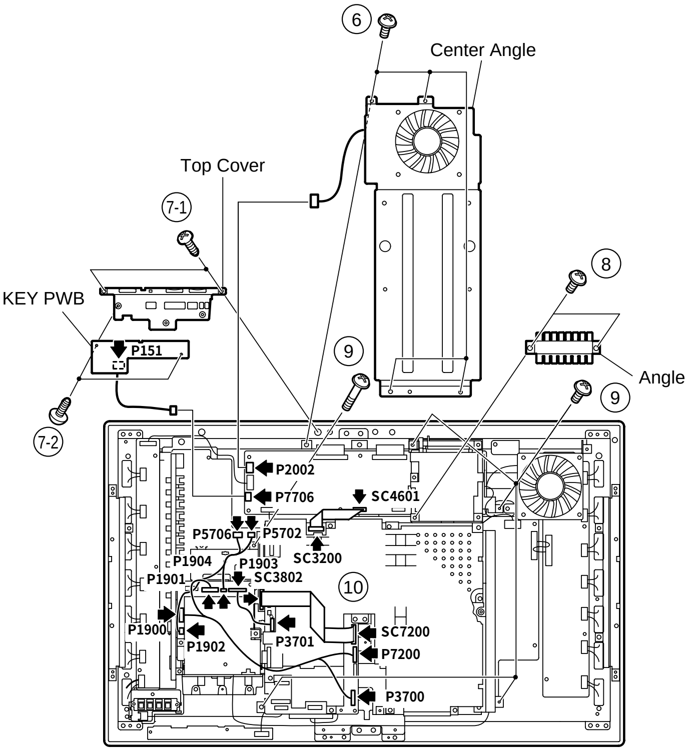
Unit: inch/(mm)

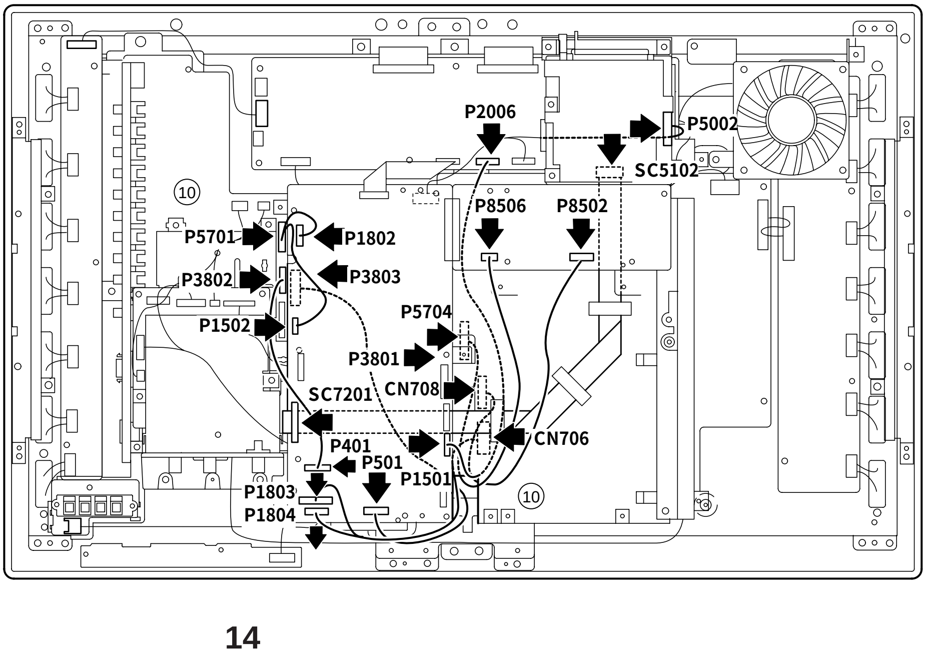

3 47/64 (95)
20 23/64 (517)
33 3/8 (848)
26 7/64 (663)
2 43/64 (68)
22 23/64 (568)
7 29/32 (201)
16 1/64 (407)
19 13/32 (493)
8 7/64 (206)
12 5/8 (321)
SHARP
10 15/16 (278)
3 15/16 (100)
5 15/16 (151)
3 15/16 (100)
SHARP

REMOVING OF MAJOR PARTS

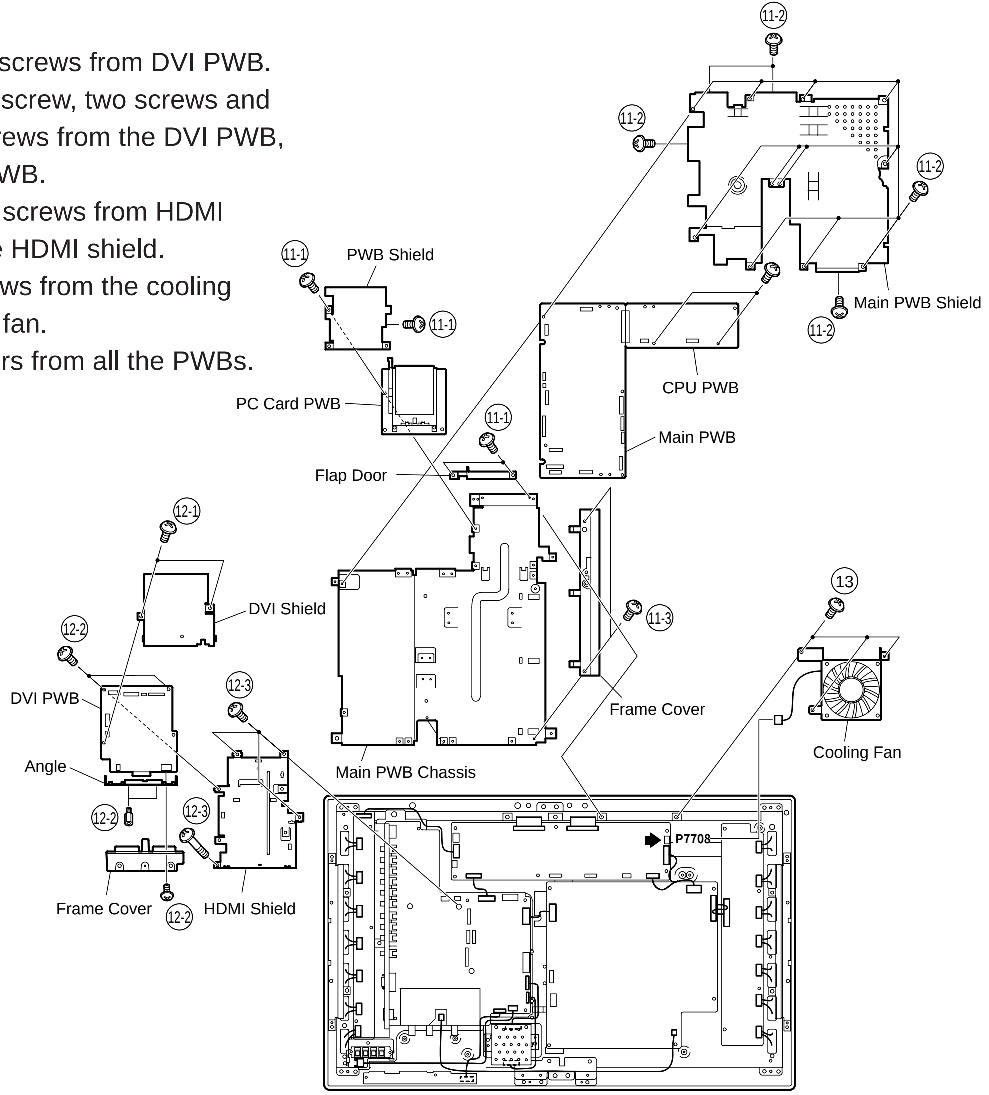
1. Remove the four lock screws from the stand, and detach the stand.
2. Remove the terminal cover(left, right and bottom).
3. Remove the two lock screws each from the bracket cover(left and right), and detach both the bracket covers.
4. Remove the two lock screws each from the speaker(left and right), and detach both the speakers.
5. Remove the 15 lock screws from the cabinet-B, and detach the cabinet-B.
6. Remove the four lock screws from the center angle, and detach the center angle.
7. Remove the key PWB.
    7-1. Remove the two lock screws from the top cover.
    7-2. Remove the two lock screws from the key PWB.
8. Remove the two lock screws from the angle.
9. Remove the five screws from main PWB frame.
10. Disconnect all the connectors from all the PWBs.

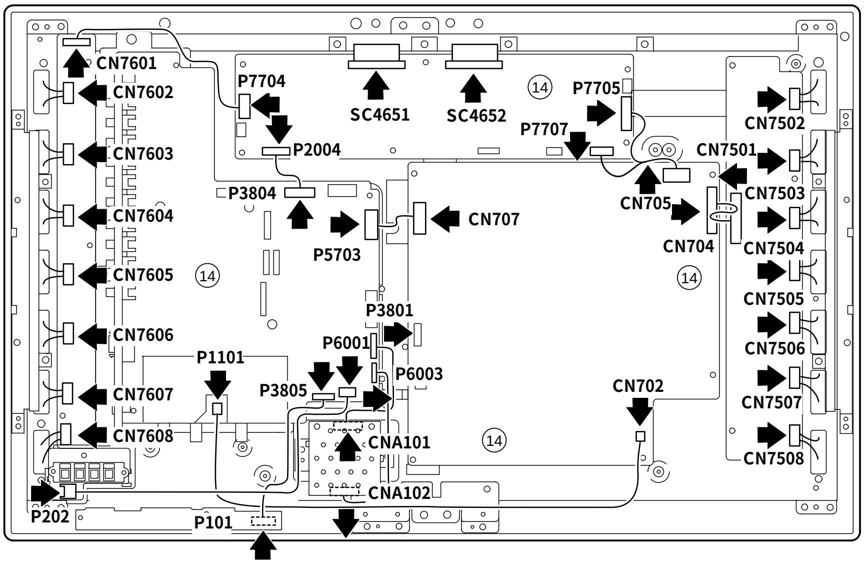

Speaker
5
Cabinet-A
Bracket Cover
5
3
4
Stand
2
1
2
Terminal Cover (R)
Speaker
Terminal Cover (L)
4
3
Bracket Cover


6
Center Angle
Top Cover
7-1
8
KEY PWB
P151
9
Angle
9
7-2
P2002
P7706
SC4601
P5706
P5702
P1904
P1903
SC3200
P1901
SC3802
10
P1900
P1902
P3701
SC7200
P7200
P3700

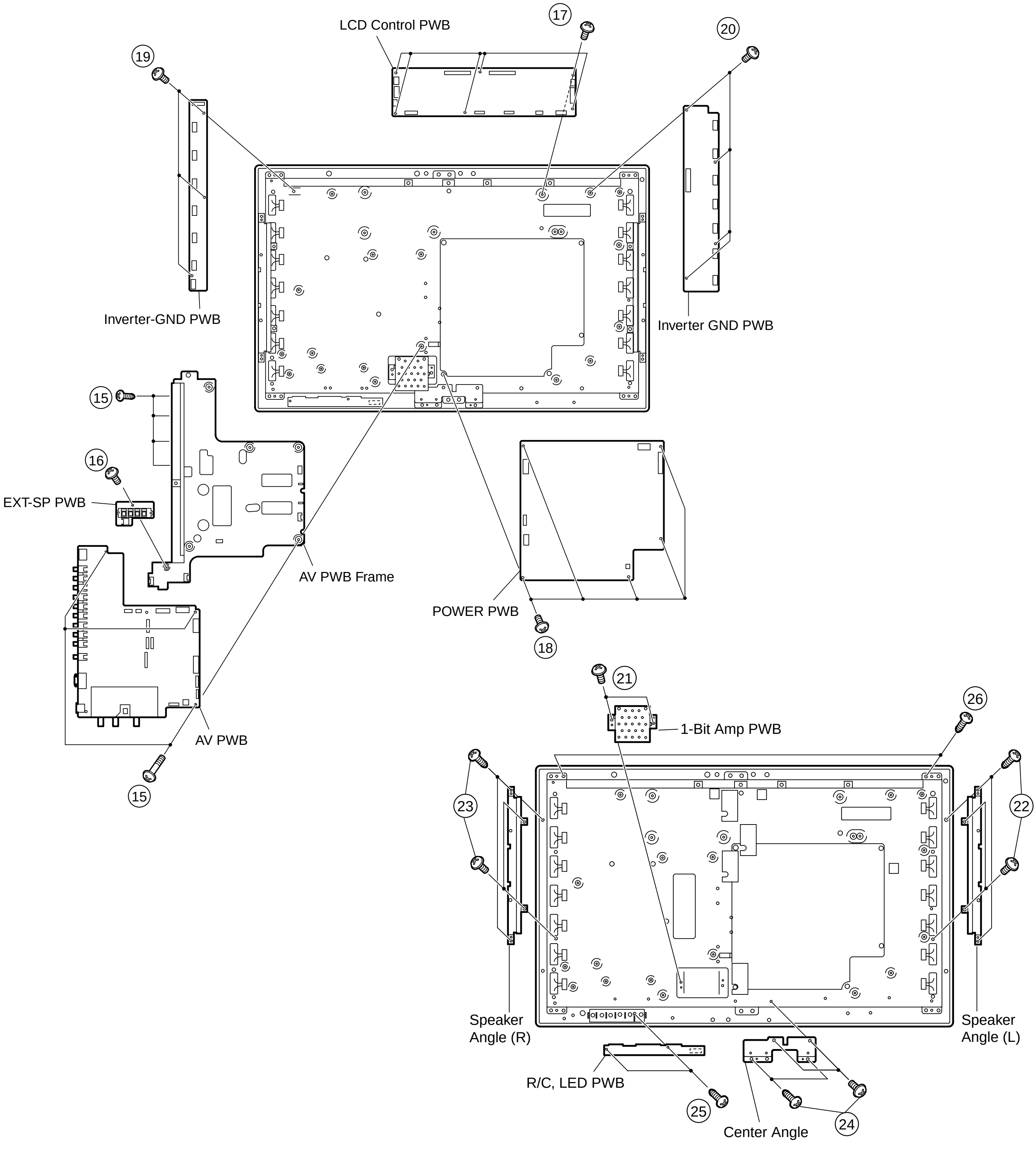

P2006
P5002
SC5102
10
P8506
P8502
P5701
P1802
P3802
P3803
P1502
P5704
P3801
SC7201
CN708
CN706
P401
P501
P1501
P1803
P1804
10

11. Remove the main, CPU and PC card PWBs.
    - 11-1. Remove the one lock screw from flap door, and two lock screws from PWB shield, and detach the PC card PWB.
    - 11-2. Remove the 15 lock screws from the main PWB shield, and detach the main PWB shield and the main PWB.
    - 11-3. Remove the two lock screws from the frame cover, and detach the frame cover.
12. Detach the DVI PWB.
    - 12-1. Remove the two lock screws from DVI PWB.
    - 12-2. Remove the one lock screw, two screws and two hexagon shaft screws from the DVI PWB, and detach the DVI PWB.
    - 12-3. Remove the four lock screws from HDMI shield, and detach the HDMI shield.
13. Remove the three lock screws from the cooling fan, and detach the cooling fan.
14. Disconnect all the connectors from all the PWBs.

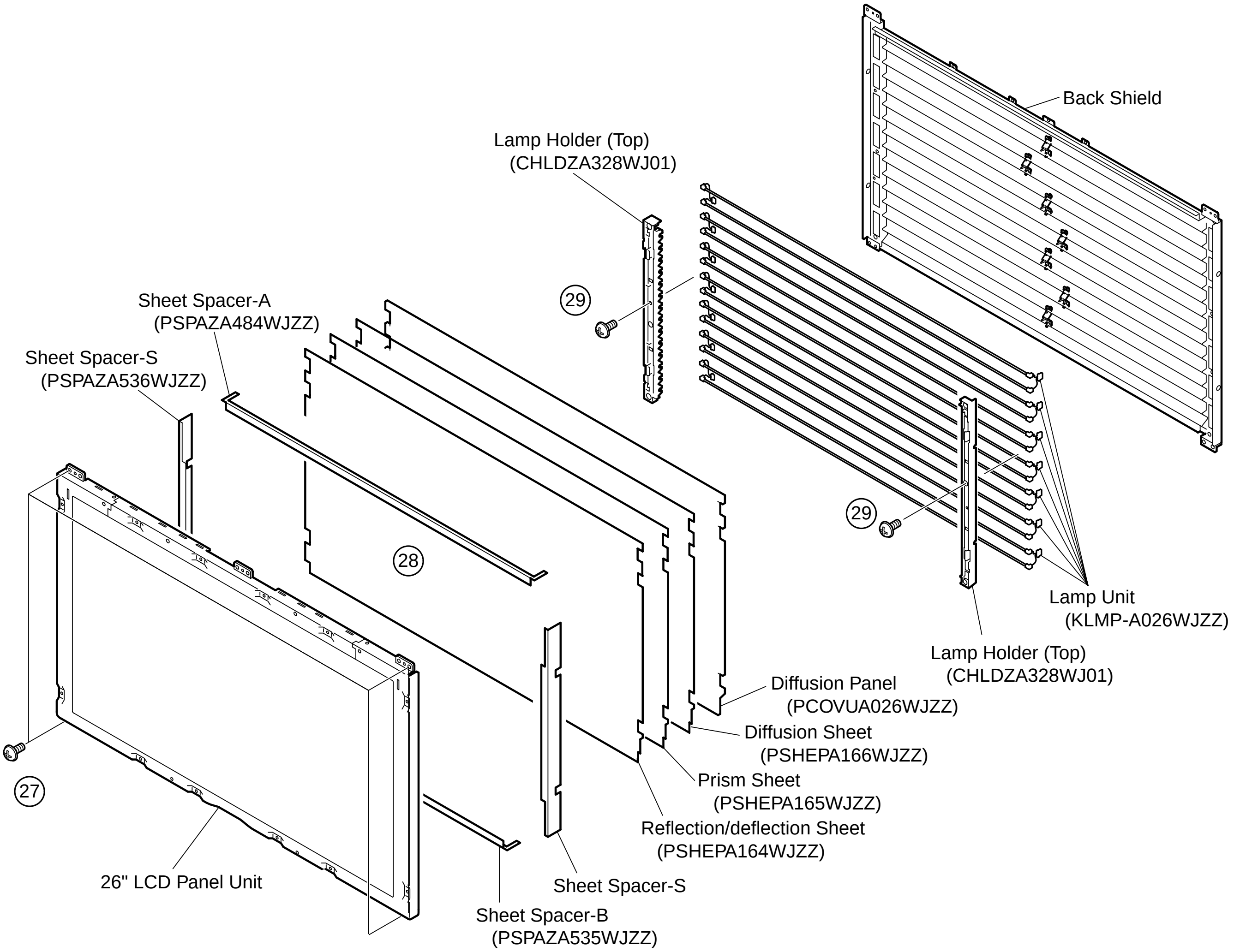

11-2
11-2
11-2
11-1
PWB Shield
11-1
Main PWB Shield
11-2
CPU PWB
PC Card PWB
11-1
Main PWB
Flap Door
12-1
DVI Shield
12-2
13
11-3
DVI PWB
12-3
Frame Cover
Cooling Fan
Angle
Main PWB Chassis
12-2
12-3
P7708
Frame Cover
HDMI Shield
12-2


CN7601
CN7602
P7704
SC4651
SC4652
14
P7705
CN7502
P7707
P2004
CN7603
CN7501
CN7503
P3804
CN705
CN707
CN7604
P5703
CN704
CN7504
CN7605
14
14
CN7505
P3801
CN7606
P6001
P1101
CN7506
P6003
CN702
P3805
CN7607
CN7507
CN7608
CNA101
14
CN7508
P202
CNA102
P101

15. Remove the seven lock screws from the AV PWB, and detach the AV PWB.
16. Remove the one lock screw from EXT-SP PWB, and detach the EXT-SP PWB.
17. Remove the six lock screws from the LCD control PWB, and detach the LCD control PWB.
18. Remove the five lock screws from the power PWB, and detach the power PWB.
19. Remove the three lock screws from the inverter-GND PWB, and detach the inverter-GND PWB.
20. Remove the four lock screws from the inverter PWB, and detach the inverter PWB.
21. Remove the two lock screws from the 1-bit AMP. PWB, and detach the 1-bit AMP. PWB.
22. Remove the four lock screws form the speaker angle(right), and detach the speaker angle(right).
23. Remove the four lock screws form the speaker angle(left), and detach the speaker angle(left).
24. Remove the four lock screws form the center angle, and detach the center angle.
25. Remove the two lock screws from the RC/LED PWB, and detach the RC/LED PWB.
26. Remove the two lock screws from the LCD panel unit ass’y, and detach the LCD panel unit ass’y.


LCD Control PWB
⑰
⑳
⑲
Inverter-GND PWB
Inverter GND PWB
⑮
⑯
EXT-SP PWB
AV PWB Frame
POWER PWB
⑱
AV PWB
⑮
㉑
1-Bit Amp PWB
㉖
㉓
㉒
Speaker
Angle (R)
Speaker
Angle (L)
R/C, LED PWB
㉕
Center Angle
㉔

27. Remove the four lock screws from the LCD panel unit, and detach the LCD panel unit.
28. Detach the reflection/deflection, prism and diffusion sheets and diffusion panel.
29. Remove the four lock screws from the lamp fixing holder, and detach the lamp fixing holer.
30. Detach the lamp unit from the lamp clip.


Back Shield
Lamp Holder (Top)
(CHLDZA328WJ01)
Sheet Spacer-A
(PSPAZA484WJZZ)
Sheet Spacer-S
(PSPAZA536WJZZ)
29
29
28
27
Lamp Unit
(KLMP-A026WJZZ)
Lamp Holder (Top)
(CHLDZA328WJ01)
Diffusion Panel
(PCOVUA026WJZZ)
Diffusion Sheet
(PSHEPA166WJZZ)
Prism Sheet
(PSHEPA165WJZZ)
Reflection/deflection Sheet
(PSHEPA164WJZZ)
Sheet Spacer-S
26" LCD Panel Unit
Sheet Spacer-B
(PSPAZA535WJZZ)

ADJUSTMENT PROCEDURE

The adjustment values are set to the optimum conditions at the factory before shipping. If a value should become improper or an adjustment is required due to part replacement, make an adjustment according to the following procedure.

1. After replacement of any PWB unit and/or IC for repair, please note the following.

When replacing the following units, make sure to prepare the new units loaded with updated software.
CPU unit: DUNTKC427FE13
DVI/HDMI unit: DUNTKC267FE24

2. Upgrading of each microprocessor software

**Caution: Never "POWER OFF" the unit when software upgrade is ongoing.
Otherwise the system may be damaged beyond recovery.**

2-1 Software version upgrade

The model employs the following software.

- Main software
- Monitor microprocessor software (Display)
- Card microprocessor software

The main software and the monitor microprocessor software can be upgraded by using a general-purpose SD memory card.

The card microprocessor software can be upgraded by using a PC card. The followings are the procedures for upgrading, explained separately for each of the main software, the monitor microprocessor software and the card microprocessor software.

2-2 Main software version upgrade

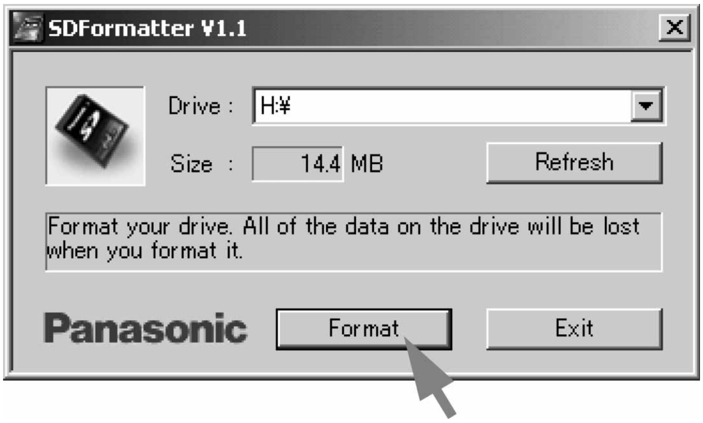
Get ready before you start

- SD memory card of 8MB or higher capacity
- PC running on Windows 98/98SE/ME/2000/XP operating system
- SD memory card reader/writer with USB connectivity and PC card adapter
- SD memory card formatting software
  (Downloadable at http://panasonic.jp/support/audio/sd/download/sd_formatter.html)

Preparations

To upgrade the main software, it is necessary to get ready the SD card for version upgrade before you start. Follow the steps below and create the SD card for version upgrade.

① Insert the SD card into the SD card reader/writer. Start the SD card formatting software. Click [Format]. (When you have the drive options, select the drive where the SD card is inserted before you proceed.)



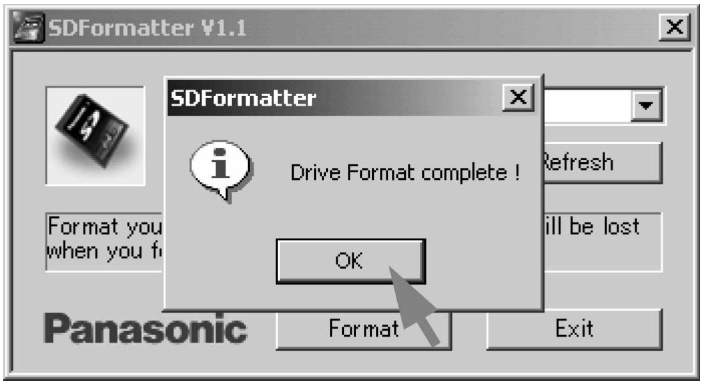
SDFormatter V1.1

Drive : H:¥

Size : 14.4 MB

Format your drive. All of the data on the drive will be lost when you format it.

② When the formatting is over, the following window appears. Click [OK].

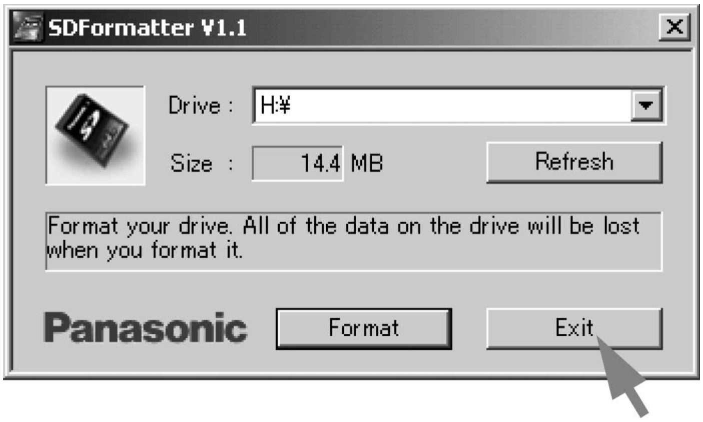


SDFormatter

Drive Format complete !

③ Click [End] to finish the formatting.

Note: When you are done, take out the SD card once to make sure it is finished, and then insert it again.



SDFormatter V1.1

Drive : H:¥

Size : 14.4 MB

Format your drive. All of the data on the drive will be lost when you format it.

④ Copy the binary image file KA1UAxxx.SDC (named temporarily) for version upgrade to the root directory (folder) of the SD card drive.

Note: In the SD card drive, do not store other folders or unrelated files, or more than one binary image files for version upgrade.

Now the SD card for version upgrade is ready.

How to upgrade the software

① Shut off the AC power (i.e. unplug the AC cord).

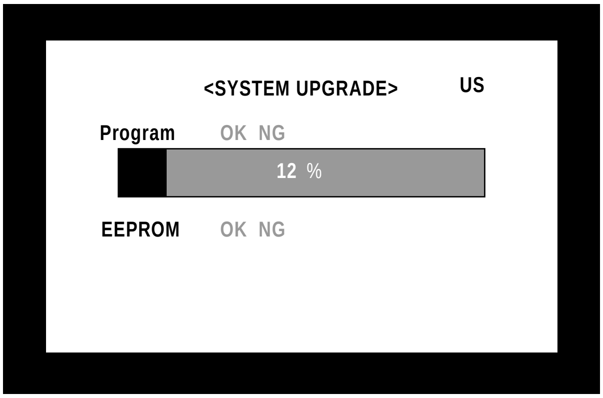
② Insert the SD card for version upgrade (prepared as above) into the service socket located below left of the right side cooling fan in the rear of the unit, in a way that the cut corner of the SD card comes at the right-hand side.

Note: If the SD card is inserted in a wrong way, the card will go deep inside the unit beyond retrieval. Take due care to insert the SD card correctly.

③ While depressing the SYSTEM RESET button located below the RS-232C connector in the rear left side of the unit, turn on the AC power (i.e. plug in the AC cord).

Note: After the unit is started, you may release the SYSTEM RESET button.

④ After the unit startup, the system upgrade screen as shown below appears within 10-20 seconds.



<SYSTEM UPGRADE> US

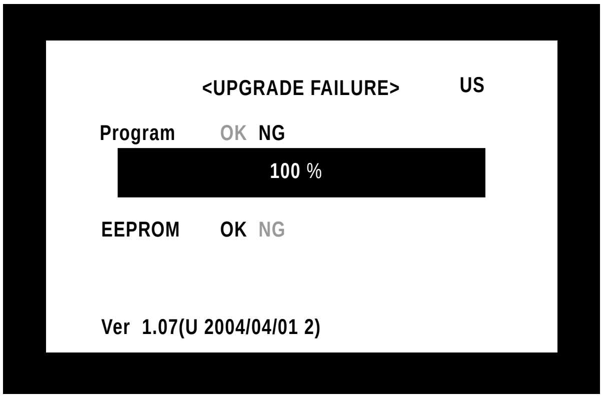
Program OK NG

12 %

EEPROM OK NG

⑤ Even a single failure in the process will trigger the upgrade failure screen as shown below. The word "NG" changes to red for the item failed.

Note: In the event of a failure, repeat the upgrading process. If the process repeatedly fails, it is likely that the hardware is troubled.



<UPGRADE FAILURE> US

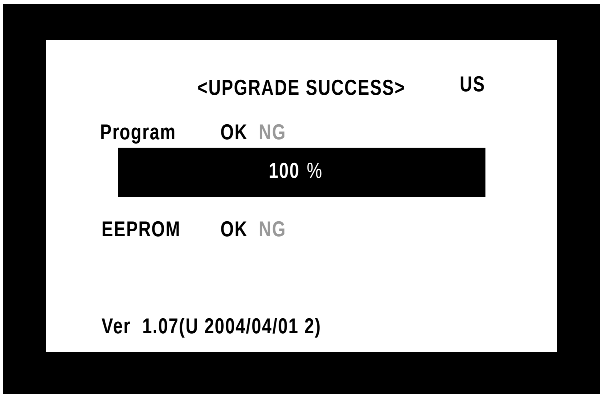
Program OK **NG**

100 %

EEPROM **OK** NG

Ver 1.07(U 2004/04/01 2)

⑥ Upon completion of the whole process, the upgrade success screen as shown below appears. You can check the new software version on this screen. The version information appears after the upgrade is complete.



<UPGRADE SUCCESS> US

Program OK NG

100 %

EEPROM OK NG

Ver 1.07(U 2004/04/01 2)

⑦ Shut off the AC power to the unit (unplug the AC cord), and remove the SD card for version upgrade.

⑧ Now the software version upgrade is complete.

Note: When you are done with the software version upgrade, start the set, go to the top page of the adjustment process screen and check the main software version information.

2-3 Monitor microprocessor software version upgrade

Get ready before you begin

Get ready the same items as listed in the "Main software version upgrade".

Preparation

Create the SD card for monitor microprocessor software version upgrade in the same manner as explained in the "Main software version upgrade". Copy the binary image file for monitor microprocessor software version upgrade to the SD card drive.

How to upgrade the software

During the monitor microprocessor software version upgrade, the progress of upgrading is not shown on the display screen. The upgrading process is seen in the blinking of the power LED.

① Shut off the AC power to the unit (i.e. unplug the AC cord).

② Insert the SD card for version upgrade (prepared as above) into the service socket located below left of the right side cooling fan in the rear of the unit, in a way that the cut corner of the SD card comes at the right-hand side.

Note: If the SD card is inserted in a wrong way, the card will go deep inside the unit beyond retrieval. Take due care to insert the SD card correctly.

③ While depressing the SYSTEM RESET button located below the RS-232C connector in the rear left side of the unit, turn on the AC power (i.e. plug in the AC cord).

Note: After the unit is started, you may release the SYSTEM RESET button.

Caution!!
The moment this operation is done, the upgrading of the monitor microprocessor software starts. While the upgrade is ongoing, never power off the unit. Otherwise the upgrade will fail and the system may have a serious damage beyond recovery (inability to start).

④ After the unit startup, the power LED starts blinking in green within 10-20 seconds.
⑤ Wait until the power LED stops blinking, the unit restarts automatically, and the normal startup screen appears (it will take 2-3 minutes).
⑥ Shut off the AC power to the unit (unplug the AC cord), and remove the SD card for version upgrade.
⑦ Now the software version upgrade is complete.

Note: When you are done with the software version upgrade, start the set, go to the top page of the adjustment process screen and check the monitor microprocessor software version information.

2-4 Card microprocessor software version upgrade

Get ready before you start

- * CF (Compact Flash) of 8MB or higher capacity
- * PCMCIA adapter for CF
- * PC with PCMCIA slot running on Windows 98/98SE/ME/2000/XP operating system

Creating the PC card for version upgrade

Formatting the PC card

① Insert the PC card into the PC card slot.
② Open [My Computer] window, choose the relevant drive (e.g. H drive) and right-click it.
③ Select [Format] in the menu.
④ Under the file system, there are [FAT32] and [FAT] options. Select [FAT], and click [Start].
⑤ A dialog box requesting your confirmation appears. Click [OK].
⑥ Wait until the formatting is over. Then click [OK].
After this, click [Close].

Creating a new "boot" folder directly under the card root directory

① * Create H:¥boot if the card is in H:¥drive.
② Click [File], point to [Rename], and click [Folder].
③ Rename the folder as [boot].

Copying the version upgrade file to the PC card

Using a drag-and-drop action, copy the "aqb5cu.img" (temporarily named) file for version upgrade to the "boot" folder.

Removing the PC card

① Click [Safely removing hardware] in the task bar, select [PCMCIA IDE/ATAPI Controller], and click [Stop].
② Select PC card in [Stop hardware device], and click [OK].
③ After confirming that you can safely remove the hardware, remove the PC card.
Now the PC card for version upgrade is ready.

How to upgrade the software

When you are done with the version upgrade, check the software version information in the adjustment process mode.

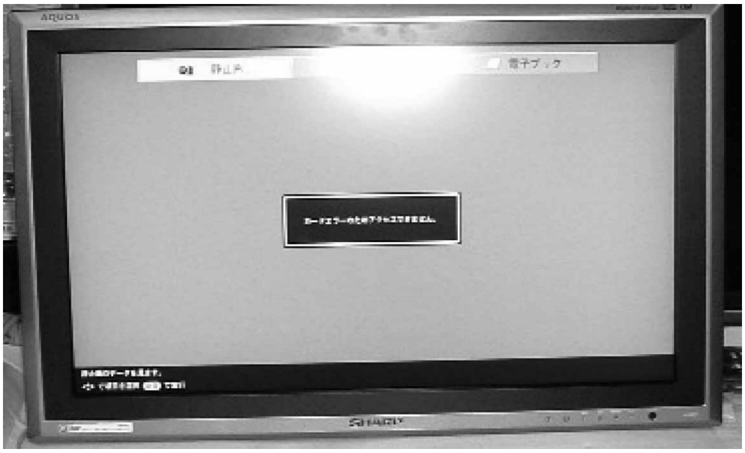
① Turn off the power. Insert the PC card into the slot of the set, which was prepared in the above "Creating the PC card for version upgrade".

② Turn on the power.

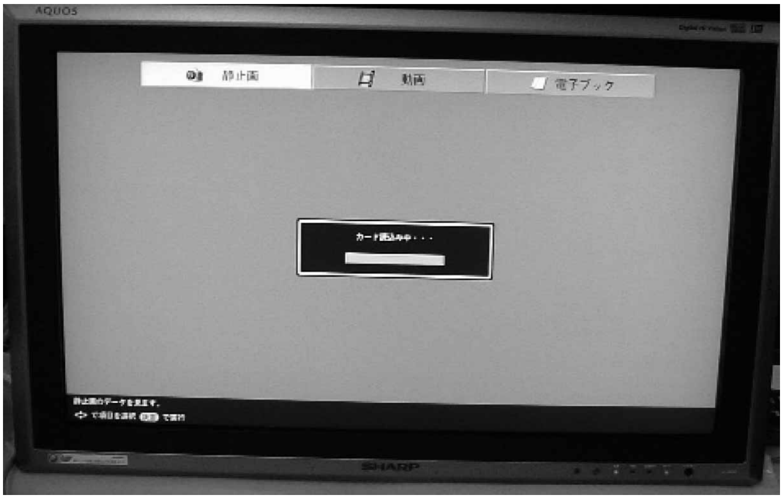
③ Wait until the process ends (about 2 minutes). Entering the card mode is not necessary.

* In case the card mode is entered, nothing appears on the screen for about 50 seconds after power-on.

"Card error" is displayed on the screen.



The action has ended successfully when the display is replaced by "Loading from the card".



* If the action has failed, turn off the power and repeat the steps 1 thru 3.

3.Entering and exiting the adjustment process mode

(1) Before entering the adjustment process mode, press the "TV RESET" button or execute the AV position RESET in the video adjustment menu.

(2) While holding down the "VOL (–)" and "INPUT" keys at a time, press the POWER switch of the main unit to turn on the power. (The "VOL (–)" and "INPUT" keys should be pressed and held until the display appears.) The letter “K” appears on the screen.

(3) Next, hold down the "VOL (–)" and "CH (∨)" keys at a time.
Multiple lines of blue characters appearing on the display indicate that the unit is now in the adjustment process mode.
When you fail to enter the adjustment process mode (the display is the same as normal startup), retry the procedure.

(4) To exit the adjustment process mode after the adjustment is done, unplug the AC cord from the outlet to make a forced shutdown. (When the power was turned off with the remote controller, once unplug the AC cord and plug it again. In this case, wait 10 seconds or so before plugging.)

Caution: Use due care in handling the information described here lest your users should know how to enter the adjustment process mode. If the settings are tampered in this mode, unrecoverable system damage may result.

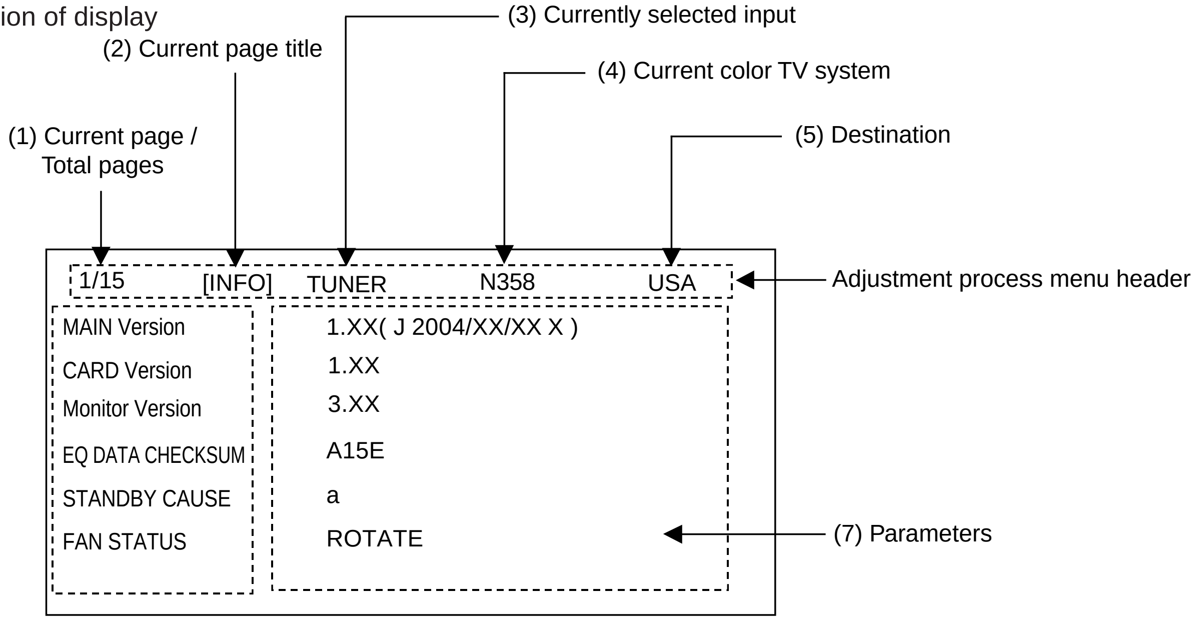
4.Remote controller key operation and description of display in adjustment process mode

(1) Key operation

Remote controller key	Main unit key	Function
CH (∨/∧)	CH (∨/∧)	Moving an item (line) by one (UP/DOWN)
VOL (+/–)	VOL (+/–)	Changing a selected item setting (+1/–1)
Cursor (UP/DOWN)	———	Turing a page (PREVIOUS/NEXT)
Cursor (LEFT/RIGHT)	———	Changing a selected line setting (+10/–10)
INPUT	———	Input switching (toggle switching) (TV→INPUT1→INPUT2→INPUT3→INPUT4→ INPUT5→CARD)
ENTER	———	Executing a function

* Input mode is switched automatically when relevant adjustment is started so far as the necessary input signal is available.

(2) Description of display


(3) Currently selected input
(2) Current page title
(4) Current color TV system
(5) Destination
(1) Current page / Total pages
Adjustment process menu header
(7) Parameters

1/15 [INFO] TUNER N358 USA

MAIN Version	1.XX(J 2004/XX/XX X)
CARD Version	1.XX
Monitor Version	3.XX
EQ DATA CHECKSUM	A15E
STANDBY CAUSE	a
FAN STATUS	ROTATE

5. List of adjustment process mode menu

The character string in brackets [ ] will appear as a page title in the adjustment process menu header.

Page	Line	Item	Description	Remarks (adjustment detail, etc.)
1		[INFO]		
	1	MAIN Version	Main microprocessor version	Version display
	2	CARD Version	Card unit version	Card unit microprocessor software version
	3	Monitor Version	Monitor version	Obtained from the monitor. (Displays panel size and type as well.)
	4	EQ DATA CHECKSUM	Audio data checksum	Audio data checksum display
	5	STANDBY CAUSE	Standby cause	Last status which caused standby
	6	FAN STATUS	Fan	
2		[INIT]		
	1	INDUSTRY INIT	Initialization to factory settings	Initialization to factory settings
	2	HOTELMODE	Hotel mode settings	
	3	Center Acutime	Accumulated AVC operation time	Reset by initialization
	4	RESET	Reset	
	5	BacklightAcutime	Accumulated monitor operation time	Not reset by initialization
	6	RESET	Reset	
	7	VIC XPOS		
	8	VIC YPOS		
	9	VIC COLOR		
	10	VIC SIGNAL_TYPE		
	11	VIC READ		
3		[N358MAIN]		
	1	N358 ALL ADJ	N358MAIN+SUB+TUNER	Auto N358 Main, Sub and Tuner DAC adjustments
	2	N358 MAIN ADJ	Auto ALL	Auto N358 Main video adjustment
	3	N358 SUB ADJ	Auto ALL	Auto N358 Sub video adjustment
	4	TUNER DAC ADJ	IC400	
	5	N358 MAIN CONTRAST	IC400	Contrast
	6	N358 MAIN Cb GAIN	IC400	Cb gain
	7	N358 MAIN Cr GAIN	IC400	Cr gain
	8	N358 SUB CONTRAST	IC500	Contrast
	9	N358 SUB Cb GAIN	IC500	Cb gain
	10	N358 SUB Cr GAIN	IC500	Cr gain
	11	TUNER A DAC	TUNER-A DAC	Tuner DAC
	12	TUNER B DAC	TUNER-B DAC	Tuner DAC
4		[N358SUB]		
	1	TUNER VCHIP TEST(69ch)	Auto ALL	
	2	N358 SUB CONTRAST	IC500	N358 Sub video contrast
	3	N358 SUB Cb GAIN	IC500	Cb gain
	4	N358 SUB Cr GAIN	IC500	Cr gain
	5	TUNER VCHIP TEST(10ch)		
	6	TUNER VCHIP TEST(15ch)		
5		[COMP15KMAIN]		
	1	COMP15K ALL ADJ	Auto ALL	Auto COMP15K Main + Sub adjustments
	2	COMP15KAD MAIN ADJ	Auto ALL	Auto COMP15K Main video adjustment
	3	COMP15K MAIN ADJ	Auto ALL	
	4	COMP15K MAIN CONTRAST	IC400	Contrast
	5	COMP15K MAIN Cb GAIN	IC400	Cb gain
	6	COMP15K MAIN Cr GAIN	IC400	Cr gain
	7	COMP15K Y OFFSET		
	8	COMP15K Cb OFFSET		
	9	COMP15K Cr OFFSET		
	10	COMP15K SUB CONTRAST	IC500	Contrast
	11	COMP15K SUB Cb GAIN	IC500	Cb gain
	12	COMP15K SUB Cr GAIN	IC500	Cr gain
6		[COMP15KSUB]		
	1	COMP15K SUB ADJ	Auto ALL	Auto COMP15K Sub video adjustment
	2	COMP15K SUB CONTRAST	IC500	Contrast
	3	COMP15K SUB Cb GAIN	IC500	Cb gain
	4	COMP15K SUB Cr GAIN	IC500	Cr gain
7		[HDTV]		
	1	HDTV ADJ		Auto HDTV video adjustment
	2	CONTRAST	IC3700	Contrast
	3	Cb GAIN	IC3700	Cb gain
	4	Cr GAIN	IC3700	Cr gain
	5	HDTV Y OFFSET		
	6	HDTV Cb OFFSET		
	7	HDTV Cr OFFSET		

8		[DVI ANALOG]		
	1	DVI ANALOG		Auto DVI analog video adjustment
	2	R CUTOFF	IC3700	
	3	G CUTOFF	IC3700	
	4	B CUTOFF	IC3700	
	5	R DRIVE	IC3700	
	6	G DRIVE	IC3700	
	7	B DRIVE	IC3700	
9		[DVI DIGITAL]		
	1	DVI DIGITAL		Auto DVI digital video adjustment
	2	CONTRAST	IC3700	Contrast
	3	R CUTOFF		
	4	G CUTOFF		
	5	B CUTOFF		
	6	R DRIVE		
	7	G DRIVE		
	8	B DRIVE		
10		[M GAMMA]		
	1	MONITOR R GAMMA LO		Monitor W/B adjustment
	2	MONITOR G GAMMA LO		
	3	MONITOR B GAMMA LO		
	4	MONITOR R GAMMA HI		
	5	MONITOR G GAMMA HI		
	6	MONITOR B GAMMA HI		
	7	GAMMA WRITE		Writing in monitor gamma table
	8	GAMMA RESET		Reset of monitor gamma table
11		[M GAMMA R]		
	1	MONITOR R GAMMA 1		
	2	MONITOR R GAMMA 2		
	3	MONITOR R GAMMA 3		
	4	MONITOR R GAMMA 4		
	5	MONITOR R GAMMA 5		
	6	MONITOR GAMMA 6		
	7	GAMMA WRITE		
	8	GAMMA RESET		
12		[M GAMMA G]		
	1	MONITOR G GAMMA 1		
	2	MONITOR G GAMMA 2		
	3	MONITOR G GAMMA 3		
	4	MONITOR G GAMMA 4		
	5	MONITOR G GAMMA 5		
	6	MONITOR B GAMMA 6		
	7	GAMMA WRITE		
	8	GAMMA RESET		
13		[M GAMMA B]		
	1	MONITOR B GAMMA 1		
	2	MONITOR B GAMMA 2		
	3	MONITOR B GAMMA 3		
	4	MONITOR B GAMMA 4		
	5	MONITOR B GAMMA 5		
	6	MONITOR B GAMMA 6		
	7	GAMMA WRITE		
	8	GAMMA RESET		
14		[PATTERN]		
	1	CVIC PATTERN	CVIC-generated internal pattern display	CVIC internal pattern display
	2	GPU PATTERN	SEINE-generated internal pattern display	SEINE internal pattern display
15		[ETC]		
	1	EEP SAVE	Storage of adjustment value	Saving adjustment value in storage area
	2	EEP RECOVER	Retrieval of adjustment value	Retrieving adjustment value from storage area
	3	CARD REC INPUT	Permission of card recording by external input source	
	4	STANDBY CAUSE RESET		

6. Special features

- * STANDBY CAUSE (Page 1/15)
  Display of a cause (code) of the last standby
  The cause of the last standby is recorded in EEPROM whenever possible.
  Checking this code will be useful in finding a problem when you repair the troubled set.
- * EEP SAVE (Page 15/15)
  Storage of EEP adjustment value
- * EEP RECOVER (Page 15/15)
  Retrieval of EEP adjustment value from storage area

7. Video signal adjustment procedure

* Adjustment process mode menu is listed in section 5.

(1) Signal check

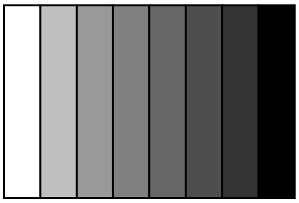
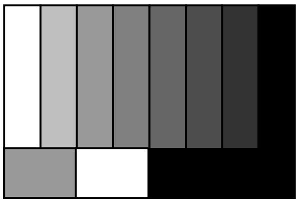
Signal generator level adjustment check (Adjustment to the specified level)

- Composite signal : 0.714Vp-p ± 0.02Vp-p (Pedestal to white level)
- 15K component signal : Y level : 0.714Vp-p ± 0.02Vp-p (Pedestal to white level)
  PB, PR level : 0.7Vp-p ± 0.02Vp-p
- 33K component signal : Y level : 0.714Vp-p ± 0.02Vp-p (Pedestal to white level)
  PB, PR level : 0.7Vp-p ± 0.02Vp-p
- DVI-I (analog RGB) signal : RGB level : 0.714Vp-p ± 0.02Vp-p (Pedestal to white level)

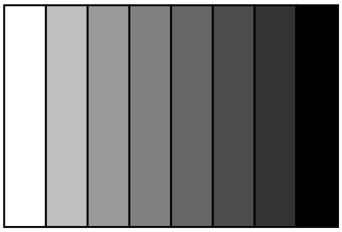
(2) Entering the adjustment process mode

Enter the adjustment process mode according to the steps described in section 3.

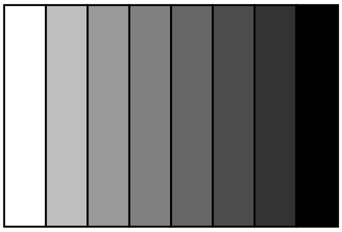
(3) N358 composite signal adjustment (Main, Sub and Tuner)

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Adjustment	N358 signal US-10ch	Feed the NTSC split field color bar signal (75% color saturation) to INPUT 1 input. Feed the RF signal (by use of US-10ch) to TUNER-A and TUNER-B. **[Video input signal]**  ↑100% white **[US-10CH]**  ↑100% white
2	Auto adjustment performance	Page 3/15	Bring the cursor on [■N358 ALL ADJ] and press [ENTER]. [■N358 ALL ADJ FINISH] appears when finished.

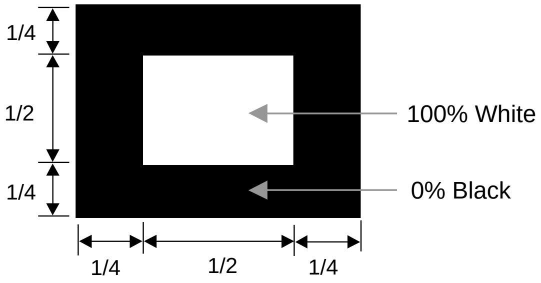
(4) Component 15K signal adjustment (Main and Sub)

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Adjustment	480i signal	Feed the 100% color bar signal to VIDEO 1 component input. 
2	Auto adjustment performance	Page 5/15	Bring the cursor on [■COMP 15K ALL ADJ] and press [ENTER]. [■COMP 15K ALL ADJ FINISH] appears when finished.

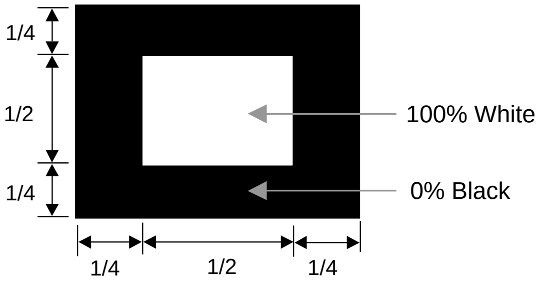
(5) Component 33K signal adjustment

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Adjustment	1080i signal	Feed the 100% color bar signal to VIDEO 1 component input. 
2	Auto adjustment performance	Page 7/15	Bring the cursor on [■HDTV ADJ] and press [ENTER]. [■HDTV ADJ FINISH] appears when finished.

(6) DVI-I (analog) signal adjustment

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Adjustment	DVI-I (analog)	Feed the 100% white 1/2 window pattern signal to DVI-I (analog) input.  1/4 1/2 1/4 100% White 0% Black 1/4 1/2 1/4
2	Auto adjustment performance	Page 8/15	Bring the cursor on [■DVI ANALOG ADJ] and press [ENTER]. [■DVI ANALOG ADJ FINISH] appears when finished.

(7) DVI-I (digital) signal adjustment

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Adjustment	DVI-I (digital)	Feed the 100% white 1/2 window pattern signal to DVI-I (digital) input.  1/4 1/2 1/4 100% White 0% Black 1/4 1/2 1/4
2	Auto adjustment performance	Page 9/15	Bring the cursor on [■DVI DIGITAL ADJ] and press [ENTER]. [■DVI DIGITAL ADJ FINISH] appears when finished.

8. White balance adjustment

Start the set and perform a white balance adjustment on the display.

- Procedure
- Bring up the adjustment screen (High side: 200 gradations, Low side: 48 gradations).
- Adjust [R GAMMAL], [G GAMMAL] and [B GAMMAL] so that 48-gradation pattern becomes normal.

* Adjust the chromaticity of the Low pattern (on the right of the display) so that it is set to x=0.284 and y=0.292.

- Adjust [R GAMMAH], [G GAMMAH] and [B GAMMAH] so that 200-gradation pattern becomes normal.

* Adjust the chromaticity of the High pattern (on the left of the display) so that it is set to x=0.284 and y=0.292.

9. Initialization to factory settings

Caution: When initialization is performed, all user setting data including the channel settings are initialized. Be cautious when making this adjustment.

(The adjustments done in the adjustment process mode are not initialized.)

	Adjustment item	Adjustment conditions	Adjustment procedure
1	Initialization		Enter the adjustment process mode. Bring the cursor on to [INDUSTRY INIT] in page 2/15. Set to [ON] using [VOL] key, and press [ENTER] to execute the initialization. When the initialization is complete, the adjustment process mode screen is automatically replaced by the TV's 1ch screen. * Never shut off the power during the initialization process.
			The following settings are initialized in this adjustment. 1. User setting 2. Channel data (e.g. broadcast frequencies) 3. Password data 4. Operation time 5. Maker's optional setting 6. Auto installation flag 7. V-CHIP block setting

After the adjustment, cancel the adjustment process mode.
To exit the adjustment process mode, unplug the AC cord from the outlet to make a forced shutdown. (When the power was turned off with the remote controller, once unplug the AC cord and plug it again. In this case, wait 10 seconds or so before plugging.)

10. Display adjustment procedure

1. Adjusting procedure
   Entering the adjustment process mode → COM BIAS adjustment

2. Entering and exiting the adjustment process mode
   (1) Before entering the adjustment process mode, press the "TV RESET" button or execute the AV position RESET in the menu video adjustment.
   (2) While holding down the "VOL (+)" and "CH (∨)" keys at a time, press the "POWER" key of the main unit to turn on the power. (The "VOL (–)" and "INPUT" keys should be pressed and held until the display appears.)
   The letter "K" appears on the screen.
   (3) Next, press the remote controller key (VOL, CH, etc.).
   Multiple lines of red characters appearing on the display indicate that the unit is now in the adjustment process mode.
   When you fail to enter the adjustment process mode (the display is the same as normal startup), retry the procedure.
   (4) To exit the adjustment process mode after the adjustment is done, unplug the AC cord from the outlet to make a forced shutdown. (When the power was turned off with the remote controller, once unplug the AC cord and plug it again. In this case, wait 10 seconds or so before plugging.)

Caution: Use due care in handling the information described here lest your users should know how to enter the adjustment process mode. If the settings are tampered in this mode, unrecoverable system damage may result.

3. Adjustment process mode key operation table

Key	Function 1 (when on the left side of a page)	Function 2 (when changing a numeric value)
Cursor UP	Moving up by one item or moving to the previous page (when at the top)	Incrementing the adjustment value by one or executing the item (in the case of W or R item)
Cursor DOWN	Moving down by one item or moving to the next page (when at the bottom)	Decrementing the adjustment value by one or executing the item (in the case of W or R item)
Cursor RIGHT	Moving to the right by one item or moving to another page (in the case of the initial page)	Moving to the right by one item
Cursor LEFT	Moving to the left by one item or moving to another page (in the case of the initial page)	Moving to the left by one item
ENRER	test patterm off	Executing the item (in the case of W or R item)
INPUT	Moving to the next page	Moving to the next page
CH_UP	Moving up by one item or moving to the previous page (when at the top)	Incrementing the adjustment value by one or executing the item (in the case of W or R item)
CH_DOWN	Moving down by one item or moving to the next page (when at the bottom)	Decrementing the adjustment value by one or executing the item (in the case of W or R item)
VOL_UP	Moving to the right by one item or moving to another page (in the case of the initial page)	Moving to the right by one item
VOL_DOWN	Moving to the left by one item or moving to another page (in the case of the initial page)	Moving to the left by one item

4. COM BIAS adjustment

Shift to the [COM BIAS] item with the cursor UP/DOWN key and select a numeric value with the cursor RIGHT/LEFT key.

Changing the numeric value with the cursor UP/DOWN key will make appear the test pattern. Make an adjustment so that the flicker near the center of the screen is minimized.

Adjusting procedure by use of [RS-232C]

- Get ready the PC with COM port (RS-232C) running on Windows 95/98/ME/2000/XP operating system, as well as the RS-232C cross cable.
- Start the unit with the RS-232C cable connected.
- Start the terminal software. (The freeware readily available on the Internet will do.)
- Make the following settings.

Baud rate	9600
Data 8 bits	
Parity	None
Stop bit 1 bit	
Flow control	Not implemented

- If the settings are correct, the terminal software indicates "ERR" against pressing of the "ENTER" key.
- After the settings are done correctly, it is possible to make an adjustment by typing in the command shown in the table below and pressing the "ENTER" key on the keyboard.

Command entry is successful if the terminal software indicates "OK" when the "ENTER" is pressed.
If "ERR" is shown, retry to enter the command.

RS232C command table

Command	Function	Remarks
MSET1001	Starting the white balance adjustment	Ending the adjustment with a numeric value other than 1001
MOFR****	Adjusting the R GAMMA L value	Range: 0000~0255
MOFG****	Adjusting the G GAMMA L value	Range: 0000~0255
MOFB****	Adjusting the B GAMMA L value	Range: 0000~0255
MGAR****	Adjusting the R GAMMA H value	Range: 0000~0255
MGAG****	Adjusting the G GAMMA H value	Range: 0000~0255
MGAB****	Adjusting the B GAMMA H value	Range: 0000~0255
MINF0000	Displaying the R GAMMA table	
MINF0001	Displaying the G GAMMA table	
MINF0002	Displaying the B GAMMA table	

5. Lamp error detection

5-1. Feature description

This liquid-crystal color TV incorporates a lamp error detection feature (lamp error detection) that automatically turns OFF the power for safety under abnormal lamp or lamp circuit conditions.

If anything is wrong with the lamp or lamp circuit or when the lamp error detection feature is activated for some reason, the following will result.

① The power of TV main body is turned OFF about six seconds after it is turned ON. (The power LED on the front of the TV turns red from green and keeps blinking in red (ON for 240ms and OFF for 1sec)).

② If occurs five times consecutively, it becomes impossible to turn ON the power. (The power LED keeps blinking in red (ON for 240ms and OFF for 1sec)).

5-2. Measures

1) Checking with lamp error detection OFF

While the POWER switch is off, hold down the "CH (∨)" and "VOL (+)" keys and then turn the POWER switch on. The display will run in the "Display process mode" ("<K>" will appear).

If there is a problem with a lamp or a lamp circuit, the lamp will go out. (The power LED is green.)

Then, you can check the operation to see if the lamp and lamp circuit are abnormal.

2) Resetting the lamp error count

After you have finished checking whether the lamp and lamp circuit are abnormal, reset the lamp error count. If a lamp error is detected five consecutive times, the power cannot be turned on.

Therefore, move to the [L ERR RESET] line, the 5th line on the first page of the "Display process mode", using the Cursor UP/DOWN key. Then, reset the [L ERR RESET] value using the Cursor RIGHT/LEFT key. In this case, press the Cursor UP/DOWN key to reset it to "0".

Table of contents of adjustment process mode Page 0

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	S	E	R	V	I	C	E		I		2	6	G	A	4	
1	→	G	R	A	Y	L	E	V	E	L		1	0	0		
2		C	O	M	B	I	A	S				2	0	0		
3		V	L	S	B	I	A	S				0	4	1		
4		L		E	R	R		R	E	S	E	T		5		
5		L	C	D												
6		P	A	T	T	E	R	N								
7		M	O	T	O	R		A	N	D		F	A	N		
8		O	T	H	E	R										
9			V	E	R		M	2	0	3						

Values specific to each display

Reset to "0 "

After resetting to "0", perform an operational check to ensure that the lamp error detection feature is not activated.

6. List of adjustment process modes (Display)
(Examples)

Table of contents of adjustment process mode Page 0

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	S	E	R	V	I	C	E		I		2	6	G	A	4	
1	→	G	R	A	Y	L	E	V	E	L		1	0	0		
2		C	O	M	B	I	A	S				2	0	0		
3		V	L	S	B	I	A	S				0	4	1		
4		L		E	R	R		R	E	S	E	T		0		
5		L	C	D												
6		P	A	T	T	E	R	N								
7		M	O	T	O	R		A	N	D		F	A	N		
8		O	T	H	E	R										
9			V	E	R		M	2	0	3						

LCD Page 1

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
0	L	C	D	1						0				
1	→	M	O	D	E						P	C		0
2		P	W	M	C	T	R	L						3
3		P	W	M	F	R	E	Q			1	2	7	9
4		P	W	M	D	U	T	Y	1		0	1	1	6
5		P	W	M	D	U	T	Y	2		0	1	1	6
6		P	H	A	S	E	D	I	F			0	0	0
7		P	C	L	K	1								0
8		P	C	L	K	2								0
9														

LCD Page 4

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
	L	C	D	4										
1	→	O	P	C			9						4	0
2		O	P	C		1	0						4	5
3		O	P	C		1	1						4	9
4		O	P	C		1	2						5	3
5		O	P	C		1	3						5	8
6		O	P	C		1	4						6	2
7		O	P	C		1	5						6	2
8		O	P	C		1	6						7	4
9														

LCDPage 2

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
0	L	C	D	2						0				
1	→	M	O	D	E						P	C		0
2		Q	S		S	W						1		
3		Q	S		D	1						0	8	4
4		Q	S		D	2						0	9	6
5		Q	S		D	3						1	0	6
6		Q	S		D	4						1	1	8
7		Q	S		D	5						1	3	2
8		Q	S		D	6						1	4	7
9		Q	S		D	7						1	6	2

LCD Page 5

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
	L	C	D	5										
1	→	V	H	0							0	1	6	6
2		V	L	0							0	9	4	1
3		V	H	3	1						0	4	1	7
4		V	L	3	1						0	6	9	4
5		V	H	6	3						0	4	7	3
6		V	L	6	3						0	6	2	1
7		V	H	9	5						0	5	0	9
8		V	L	9	5						0	5	0	3
9														

LCD Page 3

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
0	L	C	D	3										
1	→	O	P	C		0							0	0
2		O	P	C		1							0	5
3		O	P	C		2							0	9
4		O	P	C		3							1	3
5		O	P	C		4							1	8
6		O	P	C		5							2	2
7		O	P	C		6							2	7
8		O	P	C		7							3	1
9		O	P	C		8							3	6

LCD Page 6

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
0	L	C	D	6										
1	→	V	L	1	2	7					0	5	3	5
2		V	L	1	2	7					0	5	5	0
3		V	H	1	5	9					0	5	8	1
4		V	L	1	5	9					0	4	9	5
5		V	H	1	9	1					0	6	2	7
6		V	L	1	9	1					0	4	4	3
7		V	H	2	4	7					0	7	9	5
8		V	L	2	4	7					0	1	5	3
9														

PATTERN Page1

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
0	P	A	T	T	E	R	N	1						
1	→	P	A	T	T	E	R	N	1				0	0
2		P	A	T	T	E	R	N	2				0	0
3		P	A	T	T	E	R	N	3				0	0
4		P	A	T	T	E	R	N	4				0	0
5														
6														
7														
8														
9														

OTHER Page 1

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
0	O	T	H	E	R	1								
1	→	C	L	R		M	O	D	E					0
2													W	0
3		L	C	D		D	A	T	A		0	0	0	0
4											R	0	W	0
5		E	E	P		C		0	0	0	0	0	0	0
6											R	0	W	0
7														
8														
9														

PATTERN Page 2

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
0	P	A	T	T	E	R	N	2						
1	→	R	E	S	E	R	V	E						0
2		R	E	S	E	R	V	E						0
3														
4														
5														
6														
7														
8														
9														

OTHER Page 2

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	O	T	H	E	R	2					2	6	G	D	1	
1	→	C		E	R	R		S	T	O	P			0		
2		M	O	D	E	L								0		
3			E	M	O	C	O	N						0		
4																
5			S	T	E	M	P		A	D		1	0	6		
6			P	C		A	D					2	0	8		

MOTOR FAN Page 1

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
0	M	O	T	O	R				F	A	N			
1	→	R	E	S	E	R	V	E						0
2		R	E	S	E	R	V	E						0
3		R	E	S	E	R	V	E						0
4		R	E	S	E	R	V	E						0
5		R	E	S	E	R	V	E						0
6		R	E	S	E	R	V	E						0
7		F	A	N		S	T	A	R	T		2	2	4
8		F	A	N		S	T	O	P			2	3	0
9		T	E	M	P		E	R	R			0	5	5

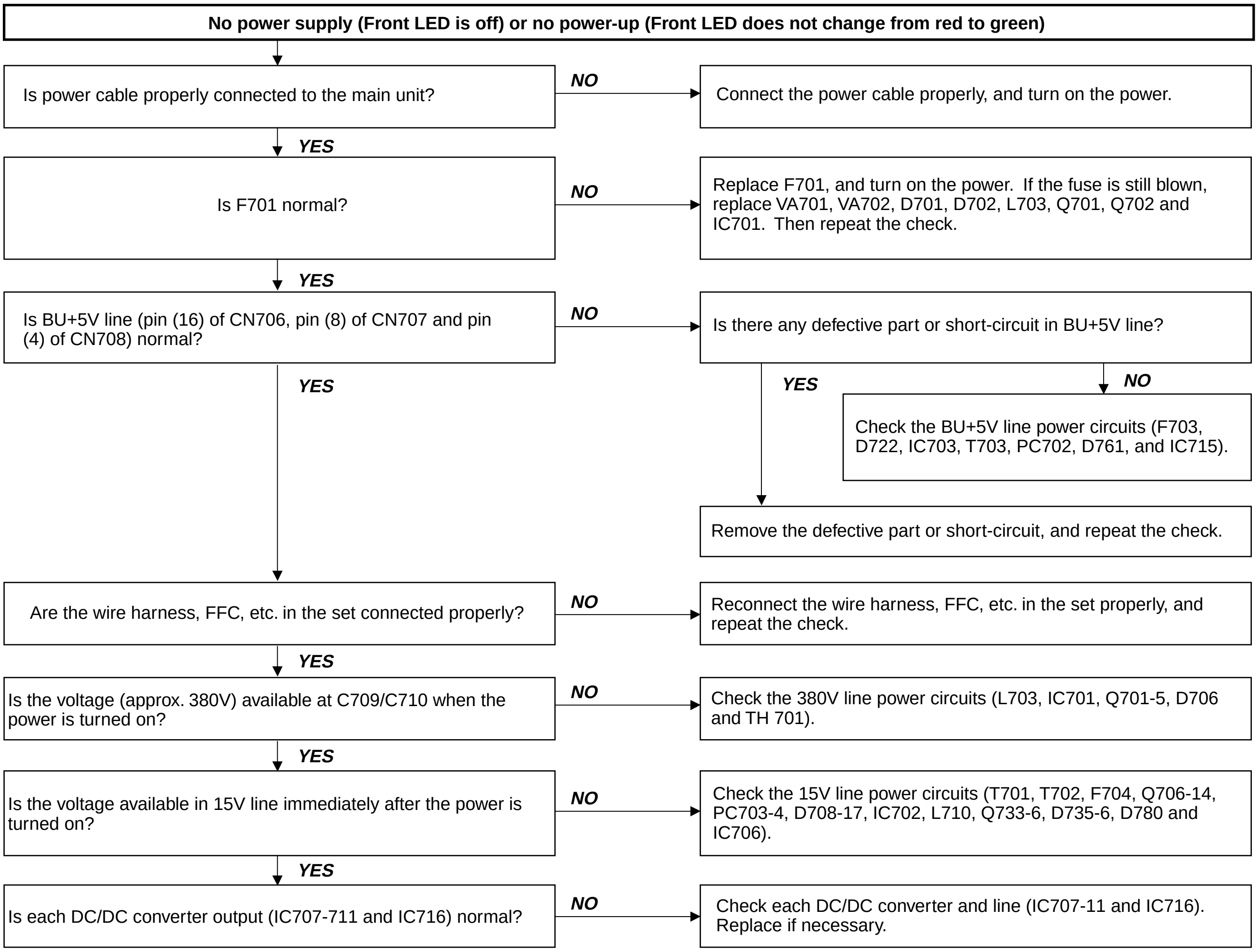
OTHER Page 3

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
0	O	T	H	E	R	3								
1	→	T	I	M	E	O	U	T		O	N			1
2		I	O	7	0		1	0	0	0	0	1	1	1
3		I	O	7	2		1	1	0	0	1	1	1	0
4			0	0	0	0	0	0	0	0	0	0	0	0
5			0	4	0	3	3	0	1	0	1	1	4	7
6		E	T	C		2	0	1	2	2	1	0	1	0
7		R	A	M		E	E	P		4	A		0	0
8		M	I	C	O	M		0	0		0	0	0	0
9														

First layer	Page	Item	Setting range	Initial value
Table of contents	1	GRAYLEVEL	0 ~ 255	25
		COM BIAS	0 ~ 255	126
		VLS BIAS	0 ~ 255	23
		L ERR RESET	Totally clear	0
LCD	1	MODE	50Hz,60Hz,PC	60Hz
		PWM CTRL	0 ~ 7	7
		PWM FREQ	0 ~ 4095	1289
		PWM DUTY1	0 ~ 4095	0
		PWM DUTY2	0 ~ 4095	0
		PHASEDIF	0 ~ 255	0
		PCLK1	0 ~ 3	0
		PCLK2	0 ~ 7	0
	2	MODE	50Hz,60Hz,PC	60Hz
		OS SW	0 ~ 1	0
		OS D1	0 ~ 255	110
		OS D2	0 ~ 255	123
		OS D3	0 ~ 255	135
		OS D4	0 ~ 255	135
		OS D5	0 ~ 255	167
		OS D6	0 ~ 255	174
		OS D7	0 ~ 255	179
	3	OPC 0	0 ~ 85	0
		OPC 1	0 ~ 85	11
		OPC 2	0 ~ 85	21
		OPC 3	0 ~ 85	30
		OPC 4	0 ~ 85	38
		OPC 5	0 ~ 85	45
		OPC 6	0 ~ 85	51
		OPC 7	0 ~ 85	56
		OPC 8	0 ~ 85	61
	4	OPC 9	0 ~ 85	66
		OPC 10	0 ~ 85	70
		OPC 11	0 ~ 85	73
		OPC 12	0 ~ 85	76
		OPC 13	0 ~ 85	79
		OPC 14	0 ~ 85	81
		OPC 15	0 ~ 85	83
		OPC 16	0 ~ 85	85
	5	VH 0	0 ~ 1023	124
		VL 0	0 ~ 1023	904
		VH 1	0 ~ 1023	359
		VL 1	0 ~ 1023	598
		VH 20	0 ~ 1023	397
		VL 20	0 ~ 1023	579
		VH 47	0 ~ 1023	416
		VL 47	0 ~ 1023	551
	6	VH 63	0 ~ 1023	454
		VL 63	0 ~ 1023	517
		VH 95	0 ~ 1023	485
		VL 95	0 ~ 1023	486
		VH 127	0 ~ 1023	538
		VL 127	0 ~ 1023	538
		VH 191	0 ~ 1023	1022
		VL 191	0 ~ 1023	122

TROUBLE SHOOTING TABLE

<Power supply>



No power supply (Front LED is off) or no power-up (Front LED does not change from red to green)

Is power cable properly connected to the main unit?
NO → Connect the power cable properly, and turn on the power.
YES ↓

Is F701 normal?
NO → Replace F701, and turn on the power. If the fuse is still blown, replace VA701, VA702, D701, D702, L703, Q701, Q702 and IC701. Then repeat the check.
YES ↓

Is BU+5V line (pin (16) of CN706, pin (8) of CN707 and pin (4) of CN708) normal?
NO → Is there any defective part or short-circuit in BU+5V line?
- NO → Check the BU+5V line power circuits (F703, D722, IC703, T703, PC702, D761, and IC715).
- YES → Remove the defective part or short-circuit, and repeat the check.

YES ↓

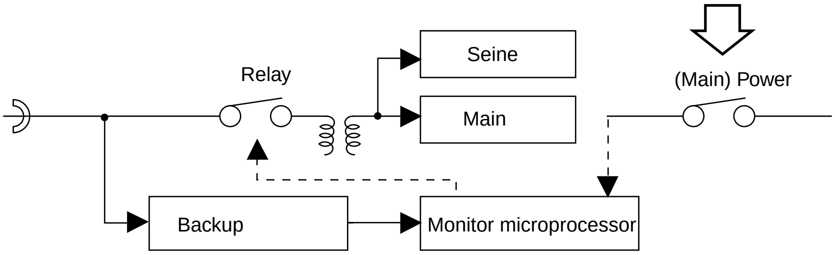
Are the wire harness, FFC, etc. in the set connected properly?
NO → Reconnect the wire harness, FFC, etc. in the set properly, and repeat the check.
YES ↓

Is the voltage (approx. 380V) available at C709/C710 when the power is turned on?
NO → Check the 380V line power circuits (L703, IC701, Q701-5, D706 and TH 701).
YES ↓

Is the voltage available in 15V line immediately after the power is turned on?
NO → Check the 15V line power circuits (T701, T702, F704, Q706-14, PC703-4, D708-17, IC702, L710, Q733-6, D735-6, D780 and IC706).
YES ↓

Is each DC/DC converter output (IC707-711 and IC716) normal?
NO → Check each DC/DC converter and line (IC707-11 and IC716). Replace if necessary.

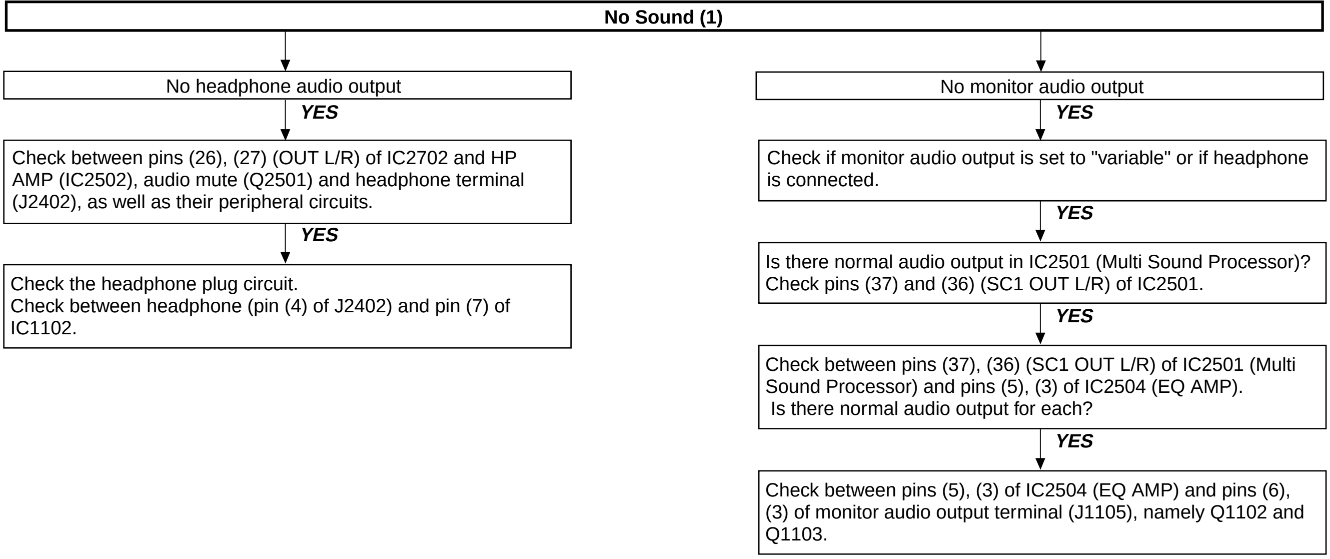
- Power switch: Top panel
  (Main) Power (DC cutoff: Detected by microprocessor)
  [Scheme of power supply system]



[(Main) Power OFF sequence]
1) (Main) Power OFF (DC switch)
2) (Main) Power shutoff is detected by the monitor microprocessor port.
3) Standby request (power cord) is sent to Seine from the microprocessor.
4) Seine shutdown process
5) Reception of shutdown permission from Seine
6) Monitor microcomputer turns off the relay to enter the standby mode.

TROUBLE SHOOTING TABLE (Continued)

<Signals>



No Sound (1)

No headphone audio output

YES

Check between pins (26), (27) (OUT L/R) of IC2702 and HP AMP (IC2502), audio mute (Q2501) and headphone terminal (J2402), as well as their peripheral circuits.

YES

Check the headphone plug circuit.
Check between headphone (pin (4) of J2402) and pin (7) of IC1102.

No monitor audio output

YES

Check if monitor audio output is set to "variable" or if headphone is connected.

YES

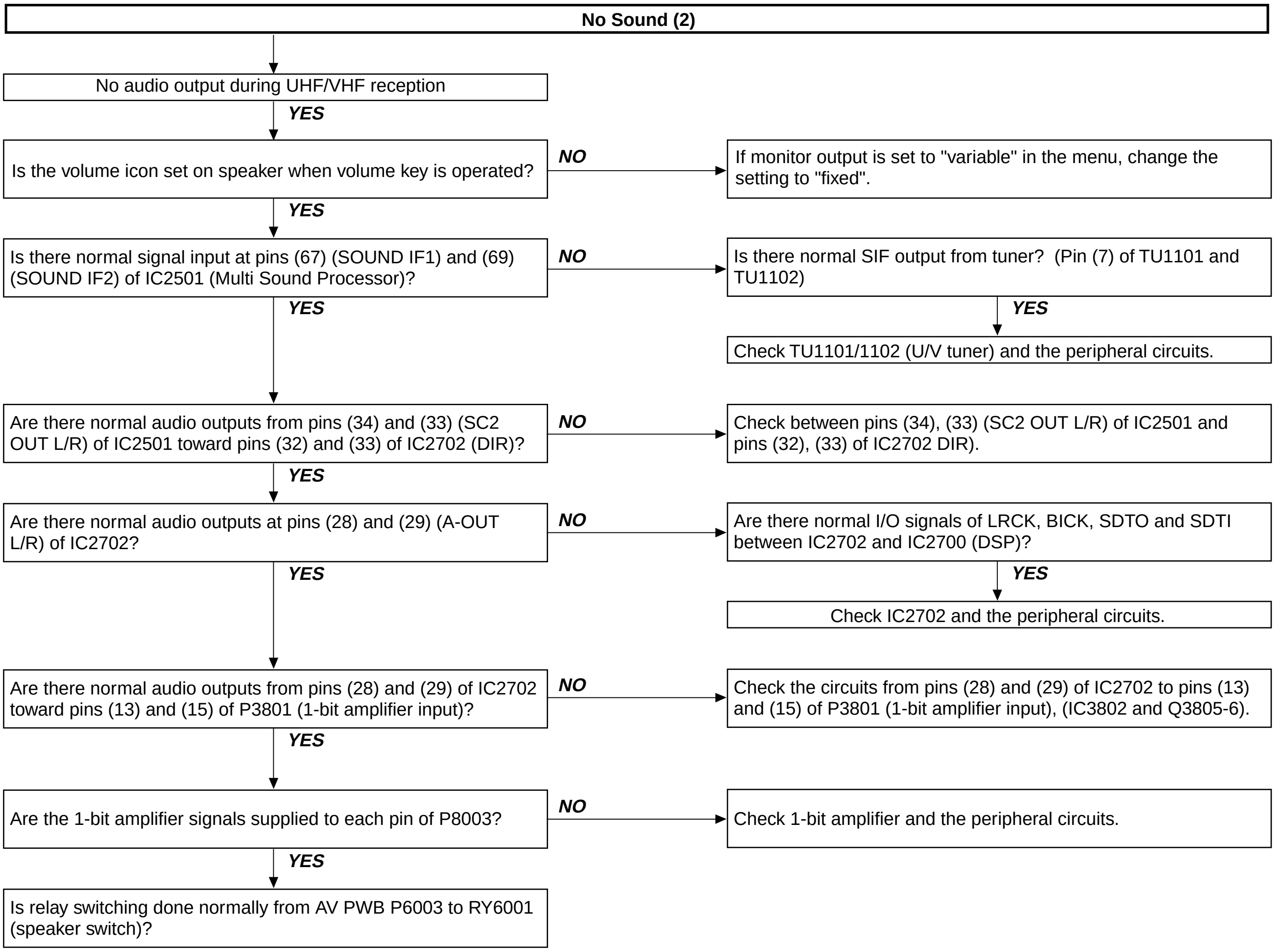
Is there normal audio output in IC2501 (Multi Sound Processor)?
Check pins (37) and (36) (SC1 OUT L/R) of IC2501.

YES

Check between pins (37), (36) (SC1 OUT L/R) of IC2501 (Multi Sound Processor) and pins (5), (3) of IC2504 (EQ AMP).
Is there normal audio output for each?

YES

Check between pins (5), (3) of IC2504 (EQ AMP) and pins (6), (3) of monitor audio output terminal (J1105), namely Q1102 and Q1103.



No Sound (2)

No audio output during UHF/VHF reception

YES

Is the volume icon set on speaker when volume key is operated?

NO → If monitor output is set to "variable" in the menu, change the setting to "fixed".

YES

Is there normal signal input at pins (67) (SOUND IF1) and (69) (SOUND IF2) of IC2501 (Multi Sound Processor)?

NO → Is there normal SIF output from tuner? (Pin (7) of TU1101 and TU1102)

YES

Check TU1101/1102 (U/V tuner) and the peripheral circuits.

YES

Are there normal audio outputs from pins (34) and (33) (SC2 OUT L/R) of IC2501 toward pins (32) and (33) of IC2702 (DIR)?

NO → Check between pins (34), (33) (SC2 OUT L/R) of IC2501 and pins (32), (33) of IC2702 DIR).

YES

Are there normal audio outputs at pins (28) and (29) (A-OUT L/R) of IC2702?

NO → Are there normal I/O signals of LRCK, BICK, SDTO and SDTI between IC2702 and IC2700 (DSP)?

YES

Check IC2702 and the peripheral circuits.

YES

Are there normal audio outputs from pins (28) and (29) of IC2702 toward pins (13) and (15) of P3801 (1-bit amplifier input)?

NO → Check the circuits from pins (28) and (29) of IC2702 to pins (13) and (15) of P3801 (1-bit amplifier input), (IC3802 and Q3805-6).

YES

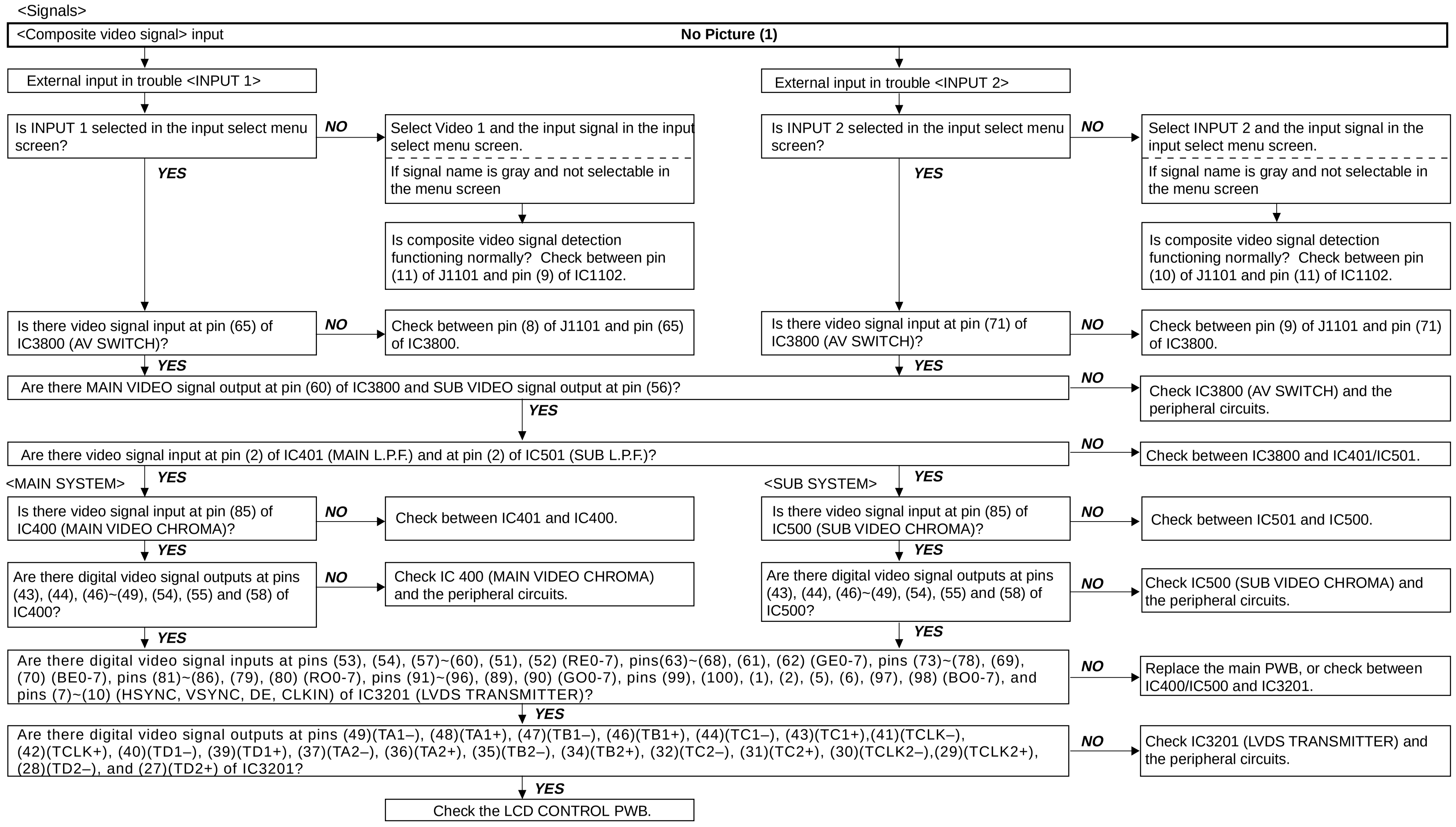
Are the 1-bit amplifier signals supplied to each pin of P8003?

NO → Check 1-bit amplifier and the peripheral circuits.

YES

Is relay switching done normally from AV PWB P6003 to RY6001 (speaker switch)?

TROUBLE SHOOTING TABLE (Continued)



<Signals>

<Composite video signal> input

No Picture (1)

External input in trouble <INPUT 1>

Is INPUT 1 selected in the input select menu screen?

Select Video 1 and the input signal in the input select menu screen.

If signal name is gray and not selectable in the menu screen

Is composite video signal detection functioning normally? Check between pin (11) of J1101 and pin (9) of IC1102.

Is there video signal input at pin (65) of IC3800 (AV SWITCH)?

Check between pin (8) of J1101 and pin (65) of IC3800.

External input in trouble <INPUT 2>

Is INPUT 2 selected in the input select menu screen?

Select INPUT 2 and the input signal in the input select menu screen.

If signal name is gray and not selectable in the menu screen

Is composite video signal detection functioning normally? Check between pin (10) of J1101 and pin (11) of IC1102.

Is there video signal input at pin (71) of IC3800 (AV SWITCH)?

Check between pin (9) of J1101 and pin (71) of IC3800.

Are there MAIN VIDEO signal output at pin (60) of IC3800 and SUB VIDEO signal output at pin (56)?

Check IC3800 (AV SWITCH) and the peripheral circuits.

Are there video signal input at pin (2) of IC401 (MAIN L.P.F.) and at pin (2) of IC501 (SUB L.P.F.)?

Check between IC3800 and IC401/IC501.

<MAIN SYSTEM>

Is there video signal input at pin (85) of IC400 (MAIN VIDEO CHROMA)?

Check between IC401 and IC400.

Are there digital video signal outputs at pins (43), (44), (46)~(49), (54), (55) and (58) of IC400?

Check IC 400 (MAIN VIDEO CHROMA) and the peripheral circuits.

<SUB SYSTEM>

Is there video signal input at pin (85) of IC500 (SUB VIDEO CHROMA)?

Check between IC501 and IC500.

Are there digital video signal outputs at pins (43), (44), (46)~(49), (54), (55) and (58) of IC500?

Check IC500 (SUB VIDEO CHROMA) and the peripheral circuits.

Are there digital video signal inputs at pins (53), (54), (57)~(60), (51), (52) (RE0-7), pins(63)~(68), (61), (62) (GE0-7), pins (73)~(78), (69), (70) (BE0-7), pins (81)~(86), (79), (80) (RO0-7), pins (91)~(96), (89), (90) (GO0-7), pins (99), (100), (1), (2), (5), (6), (97), (98) (BO0-7), and pins (7)~(10) (HSYNC, VSYNC, DE, CLKIN) of IC3201 (LVDS TRANSMITTER)?

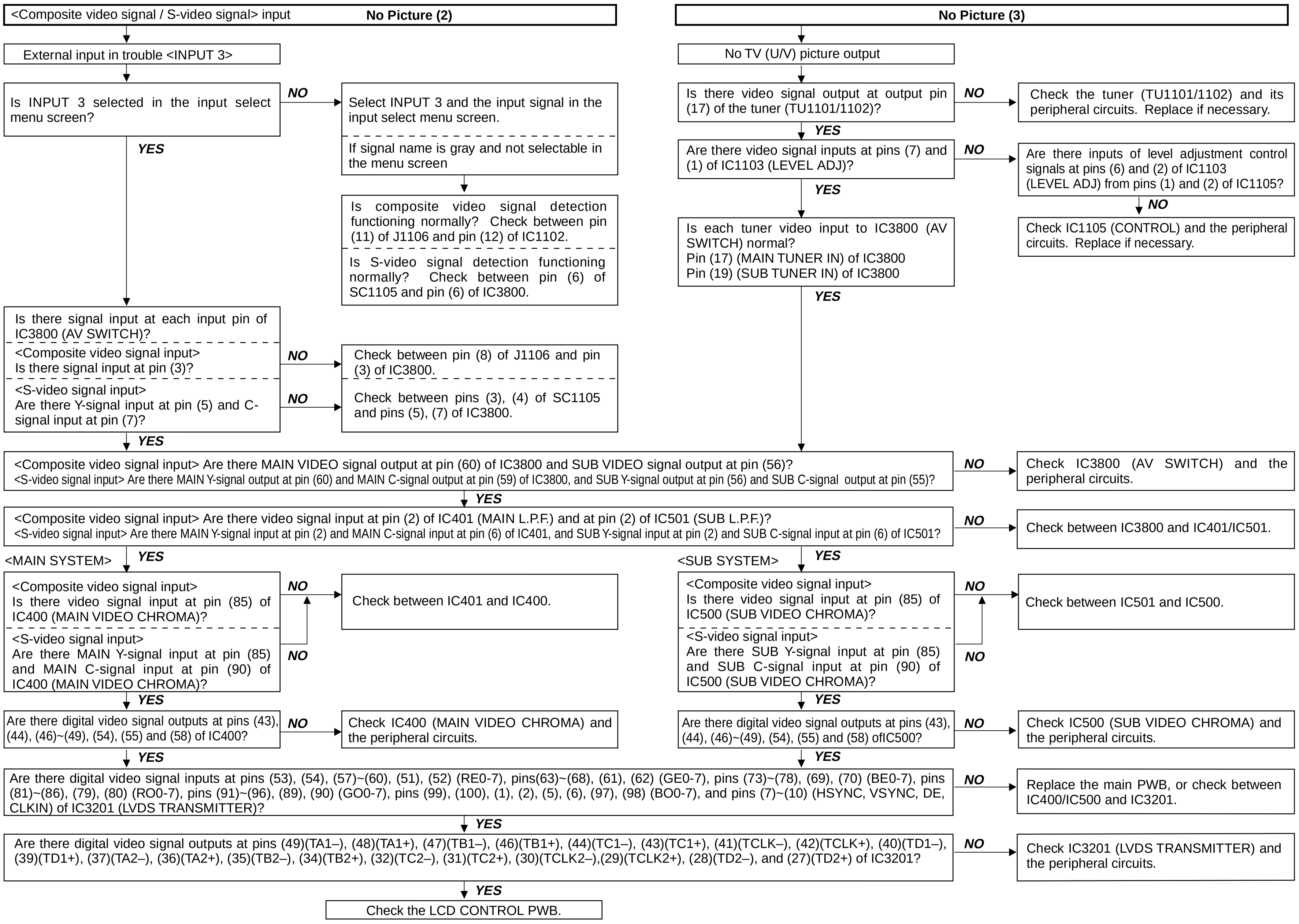
Replace the main PWB, or check between IC400/IC500 and IC3201.

Are there digital video signal outputs at pins (49)(TA1–), (48)(TA1+), (47)(TB1–), (46)(TB1+), (44)(TC1–), (43)(TC1+),(41)(TCLK–), (42)(TCLK+), (40)(TD1–), (39)(TD1+), (37)(TA2–), (36)(TA2+), (35)(TB2–), (34)(TB2+), (32)(TC2–), (31)(TC2+), (30)(TCLK2–),(29)(TCLK2+), (28)(TD2–), and (27)(TD2+) of IC3201?

Check IC3201 (LVDS TRANSMITTER) and the peripheral circuits.

Check the LCD CONTROL PWB.

TROUBLE SHOOTING TABLE (Continued)



No Picture (2)

<Composite video signal / S-video signal> input

External input in trouble <INPUT 3>

Is INPUT 3 selected in the input select menu screen?

NO → Select INPUT 3 and the input signal in the input select menu screen.

If signal name is gray and not selectable in the menu screen → Is composite video signal detection functioning normally? Check between pin (11) of J1106 and pin (12) of IC1102. Is S-video signal detection functioning normally? Check between pin (6) of SC1105 and pin (6) of IC3800.

YES → Is there signal input at each input pin of IC3800 (AV SWITCH)?

<Composite video signal input> Is there signal input at pin (3)?

NO → Check between pin (8) of J1106 and pin (3) of IC3800.

<S-video signal input> Are there Y-signal input at pin (5) and C-signal input at pin (7)?

NO → Check between pins (3), (4) of SC1105 and pins (5), (7) of IC3800.

YES

No Picture (3)

No TV (U/V) picture output

Is there video signal output at output pin (17) of the tuner (TU1101/1102)?

NO → Check the tuner (TU1101/1102) and its peripheral circuits. Replace if necessary.

YES → Are there video signal inputs at pins (7) and (1) of IC1103 (LEVEL ADJ)?

NO → Are there inputs of level adjustment control signals at pins (6) and (2) of IC1103 (LEVEL ADJ) from pins (1) and (2) of IC1105?

NO → Check IC1105 (CONTROL) and the peripheral circuits. Replace if necessary.

YES → Is each tuner video input to IC3800 (AV SWITCH) normal?
Pin (17) (MAIN TUNER IN) of IC3800
Pin (19) (SUB TUNER IN) of IC3800

YES

<Composite video signal input> Are there MAIN VIDEO signal output at pin (60) of IC3800 and SUB VIDEO signal output at pin (56)?
<S-video signal input> Are there MAIN Y-signal output at pin (60) and MAIN C-signal output at pin (59) of IC3800, and SUB Y-signal output at pin (56) and SUB C-signal output at pin (55)?

NO → Check IC3800 (AV SWITCH) and the peripheral circuits.

YES

<Composite video signal input> Are there video signal input at pin (2) of IC401 (MAIN L.P.F.) and at pin (2) of IC501 (SUB L.P.F.)?
<S-video signal input> Are there MAIN Y-signal input at pin (2) and MAIN C-signal input at pin (6) of IC401, and SUB Y-signal input at pin (2) and SUB C-signal input at pin (6) of IC501?

NO → Check between IC3800 and IC401/IC501.

YES

<MAIN SYSTEM>

<Composite video signal input> Is there video signal input at pin (85) of IC400 (MAIN VIDEO CHROMA)?
<S-video signal input> Are there MAIN Y-signal input at pin (85) and MAIN C-signal input at pin (90) of IC400 (MAIN VIDEO CHROMA)?

NO → Check between IC401 and IC400.

YES → Are there digital video signal outputs at pins (43), (44), (46)~(49), (54), (55) and (58) of IC400?

NO → Check IC400 (MAIN VIDEO CHROMA) and the peripheral circuits.

YES

<SUB SYSTEM>

<Composite video signal input> Is there video signal input at pin (85) of IC500 (SUB VIDEO CHROMA)?
<S-video signal input> Are there SUB Y-signal input at pin (85) and SUB C-signal input at pin (90) of IC500 (SUB VIDEO CHROMA)?

NO → Check between IC501 and IC500.

YES → Are there digital video signal outputs at pins (43), (44), (46)~(49), (54), (55) and (58) ofIC500?

NO → Check IC500 (SUB VIDEO CHROMA) and the peripheral circuits.

YES

Are there digital video signal inputs at pins (53), (54), (57)~(60), (51), (52) (RE0-7), pins(63)~(68), (61), (62) (GE0-7), pins (73)~(78), (69), (70) (BE0-7), pins (81)~(86), (79), (80) (RO0-7), pins (91)~(96), (89), (90) (GO0-7), pins (99), (100), (1), (2), (5), (6), (97), (98) (BO0-7), and pins (7)~(10) (HSYNC, VSYNC, DE, CLKIN) of IC3201 (LVDS TRANSMITTER)?

NO → Replace the main PWB, or check between IC400/IC500 and IC3201.

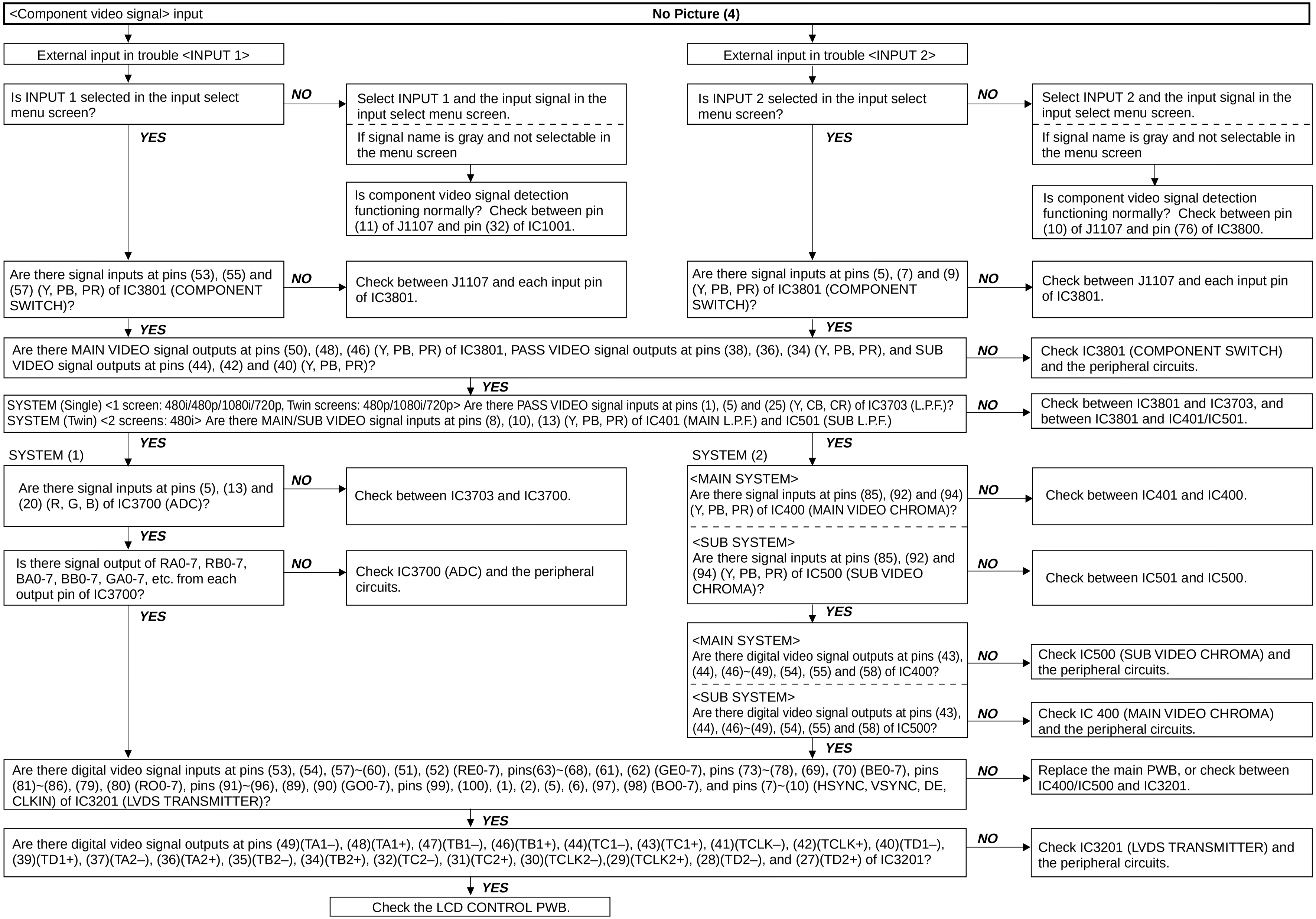
YES

Are there digital video signal outputs at pins (49)(TA1–), (48)(TA1+), (47)(TB1–), (46)(TB1+), (44)(TC1–), (43)(TC1+), (41)(TCLK–), (42)(TCLK+), (40)(TD1–), (39)(TD1+), (37)(TA2–), (36)(TA2+), (35)(TB2–), (34)(TB2+), (32)(TC2–), (31)(TC2+), (30)(TCLK2–),(29)(TCLK2+), (28)(TD2–), and (27)(TD2+) of IC3201?

NO → Check IC3201 (LVDS TRANSMITTER) and the peripheral circuits.

YES → Check the LCD CONTROL PWB.

TROUBLE SHOOTING TABLE (Continued)



<Component video signal> input

No Picture (4)

External input in trouble <INPUT 1>

Is INPUT 1 selected in the input select menu screen?

NO → Select INPUT 1 and the input signal in the input select menu screen.

If signal name is gray and not selectable in the menu screen → Is component video signal detection functioning normally? Check between pin (11) of J1107 and pin (32) of IC1001.

YES → Are there signal inputs at pins (53), (55) and (57) (Y, PB, PR) of IC3801 (COMPONENT SWITCH)?

NO → Check between J1107 and each input pin of IC3801.

External input in trouble <INPUT 2>

Is INPUT 2 selected in the input select menu screen?

NO → Select INPUT 2 and the input signal in the input select menu screen.

If signal name is gray and not selectable in the menu screen → Is component video signal detection functioning normally? Check between pin (10) of J1107 and pin (76) of IC3800.

YES → Are there signal inputs at pins (5), (7) and (9) (Y, PB, PR) of IC3801 (COMPONENT SWITCH)?

NO → Check between J1107 and each input pin of IC3801.

YES → Are there MAIN VIDEO signal outputs at pins (50), (48), (46) (Y, PB, PR) of IC3801, PASS VIDEO signal outputs at pins (38), (36), (34) (Y, PB, PR), and SUB VIDEO signal outputs at pins (44), (42) and (40) (Y, PB, PR)?

NO → Check IC3801 (COMPONENT SWITCH) and the peripheral circuits.

YES → SYSTEM (Single) <1 screen: 480i/480p/1080i/720p, Twin screens: 480p/1080i/720p> Are there PASS VIDEO signal inputs at pins (1), (5) and (25) (Y, CB, CR) of IC3703 (L.P.F.)?
SYSTEM (Twin) <2 screens: 480i> Are there MAIN/SUB VIDEO signal inputs at pins (8), (10), (13) (Y, PB, PR) of IC401 (MAIN L.P.F.) and IC501 (SUB L.P.F.)

NO → Check between IC3801 and IC3703, and between IC3801 and IC401/IC501.

YES → SYSTEM (1)

Are there signal inputs at pins (5), (13) and (20) (R, G, B) of IC3700 (ADC)?

NO → Check between IC3703 and IC3700.

YES → Is there signal output of RA0-7, RB0-7, BA0-7, BB0-7, GA0-7, etc. from each output pin of IC3700?

NO → Check IC3700 (ADC) and the peripheral circuits.

YES → SYSTEM (2)

<MAIN SYSTEM>
Are there signal inputs at pins (85), (92) and (94) (Y, PB, PR) of IC400 (MAIN VIDEO CHROMA)?

NO → Check between IC401 and IC400.

<SUB SYSTEM>
Are there signal inputs at pins (85), (92) and (94) (Y, PB, PR) of IC500 (SUB VIDEO CHROMA)?

NO → Check between IC501 and IC500.

YES → <MAIN SYSTEM>
Are there digital video signal outputs at pins (43), (44), (46)~(49), (54), (55) and (58) of IC400?

NO → Check IC500 (SUB VIDEO CHROMA) and the peripheral circuits.

<SUB SYSTEM>
Are there digital video signal outputs at pins (43), (44), (46)~(49), (54), (55) and (58) of IC500?

NO → Check IC 400 (MAIN VIDEO CHROMA) and the peripheral circuits.

YES → Are there digital video signal inputs at pins (53), (54), (57)~(60), (51), (52) (RE0-7), pins(63)~(68), (61), (62) (GE0-7), pins (73)~(78), (69), (70) (BE0-7), pins (81)~(86), (79), (80) (RO0-7), pins (91)~(96), (89), (90) (GO0-7), pins (99), (100), (1), (2), (5), (6), (97), (98) (BO0-7), and pins (7)~(10) (HSYNC, VSYNC, DE, CLKIN) of IC3201 (LVDS TRANSMITTER)?

NO → Replace the main PWB, or check between IC400/IC500 and IC3201.

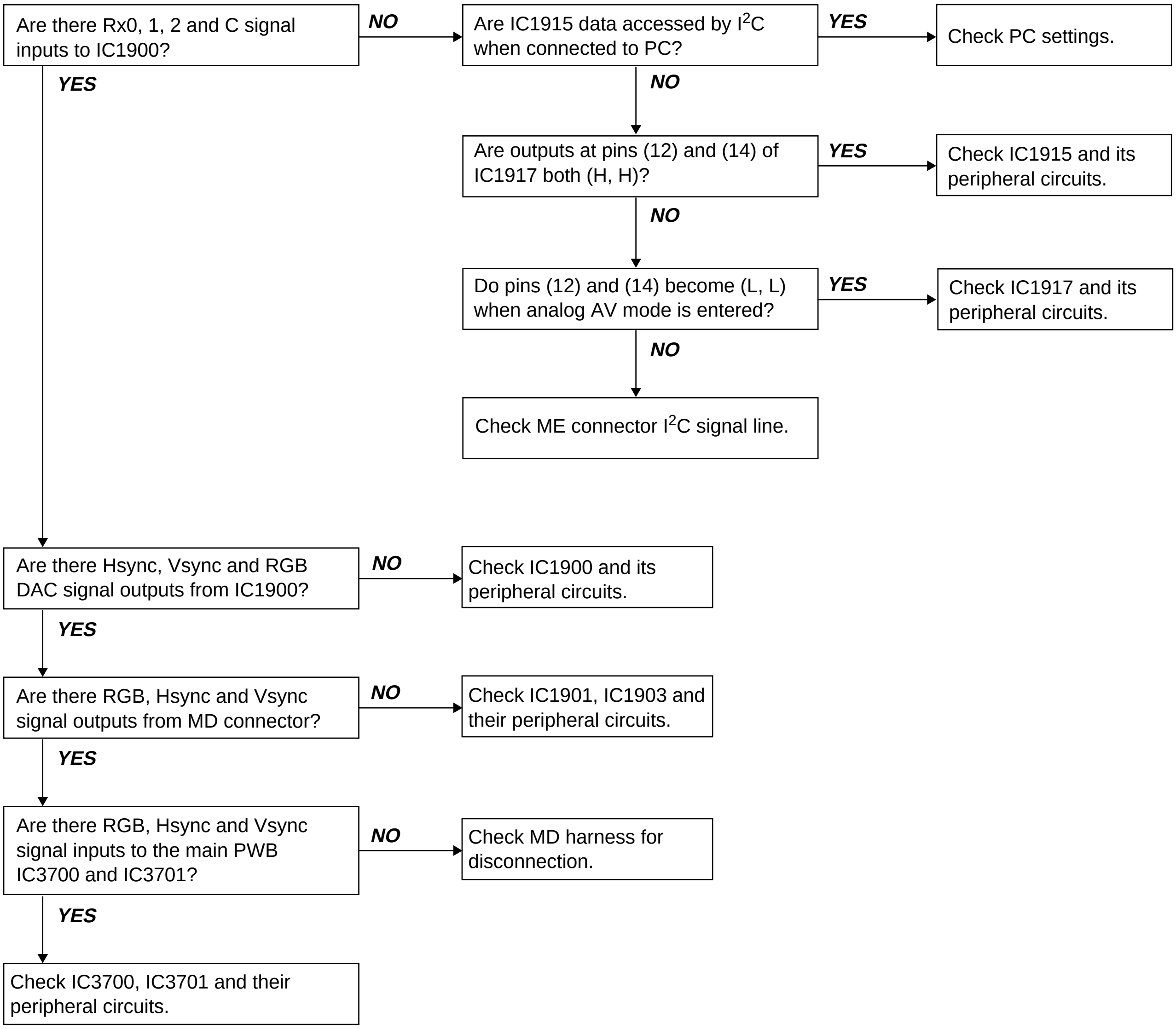
YES → Are there digital video signal outputs at pins (49)(TA1–), (48)(TA1+), (47)(TB1–), (46)(TB1+), (44)(TC1–), (43)(TC1+), (41)(TCLK–), (42)(TCLK+), (40)(TD1–), (39)(TD1+), (37)(TA2–), (36)(TA2+), (35)(TB2–), (34)(TB2+), (32)(TC2–), (31)(TC2+), (30)(TCLK2–),(29)(TCLK2+), (28)(TD2–), and (27)(TD2+) of IC3201?

NO → Check IC3201 (LVDS TRANSMITTER) and the peripheral circuits.

YES → Check the LCD CONTROL PWB.

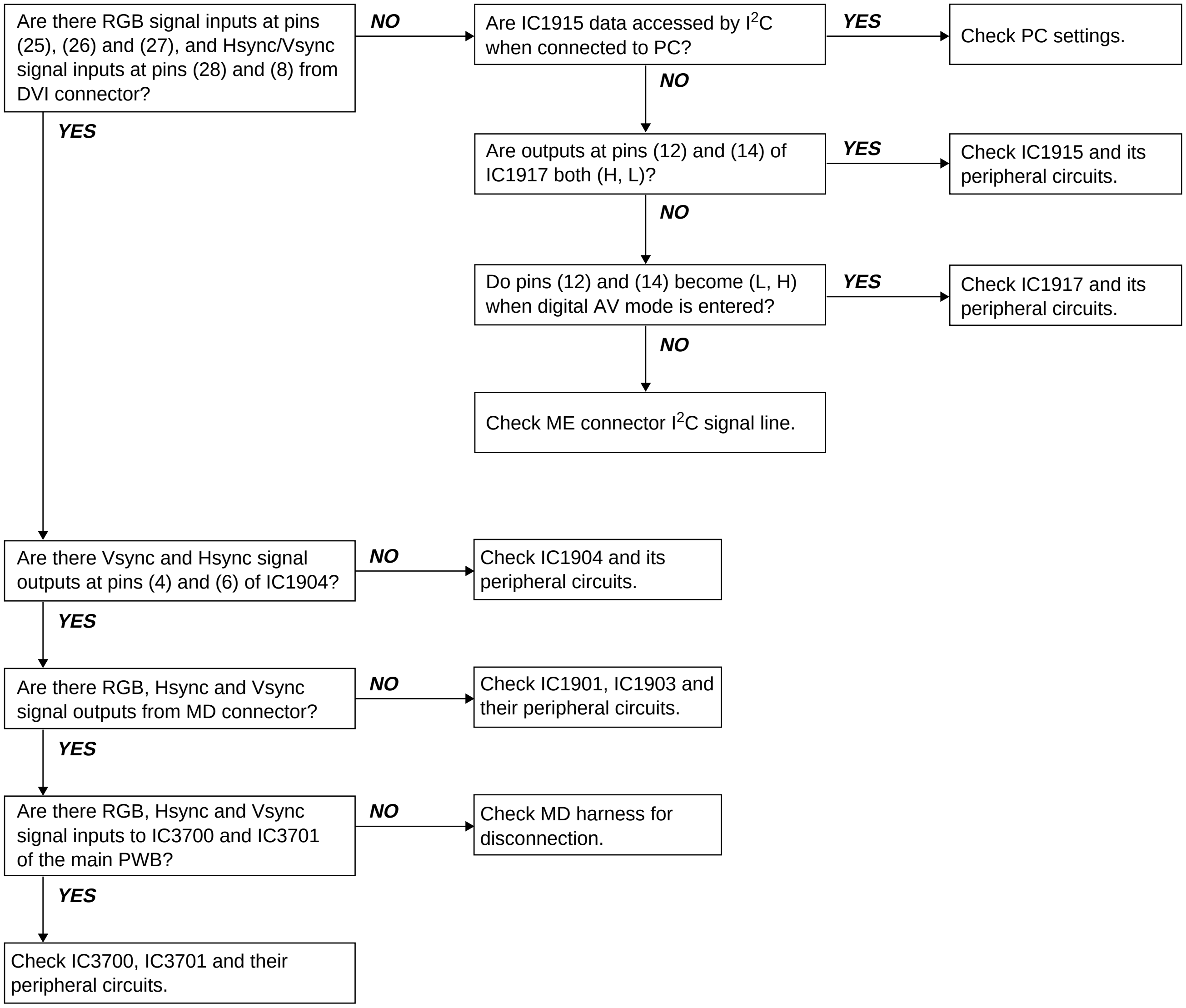
TROUBLE SHOOTING TABLE (Continued)

DVI Input (Digital PC mode)


Are there Rx0, 1, 2 and C signal inputs to IC1900?
NO
Are IC1915 data accessed by I²C when connected to PC?
YES
Check PC settings.
NO
Are outputs at pins (12) and (14) of IC1917 both (H, H)?
YES
Check IC1915 and its peripheral circuits.
NO
Do pins (12) and (14) become (L, L) when analog AV mode is entered?
YES
Check IC1917 and its peripheral circuits.
NO
Check ME connector I²C signal line.
YES
Are there Hsync, Vsync and RGB DAC signal outputs from IC1900?
NO
Check IC1900 and its peripheral circuits.
YES
Are there RGB, Hsync and Vsync signal outputs from MD connector?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are there RGB, Hsync and Vsync signal inputs to the main PWB IC3700 and IC3701?
NO
Check MD harness for disconnection.
YES
Check IC3700, IC3701 and their peripheral circuits.

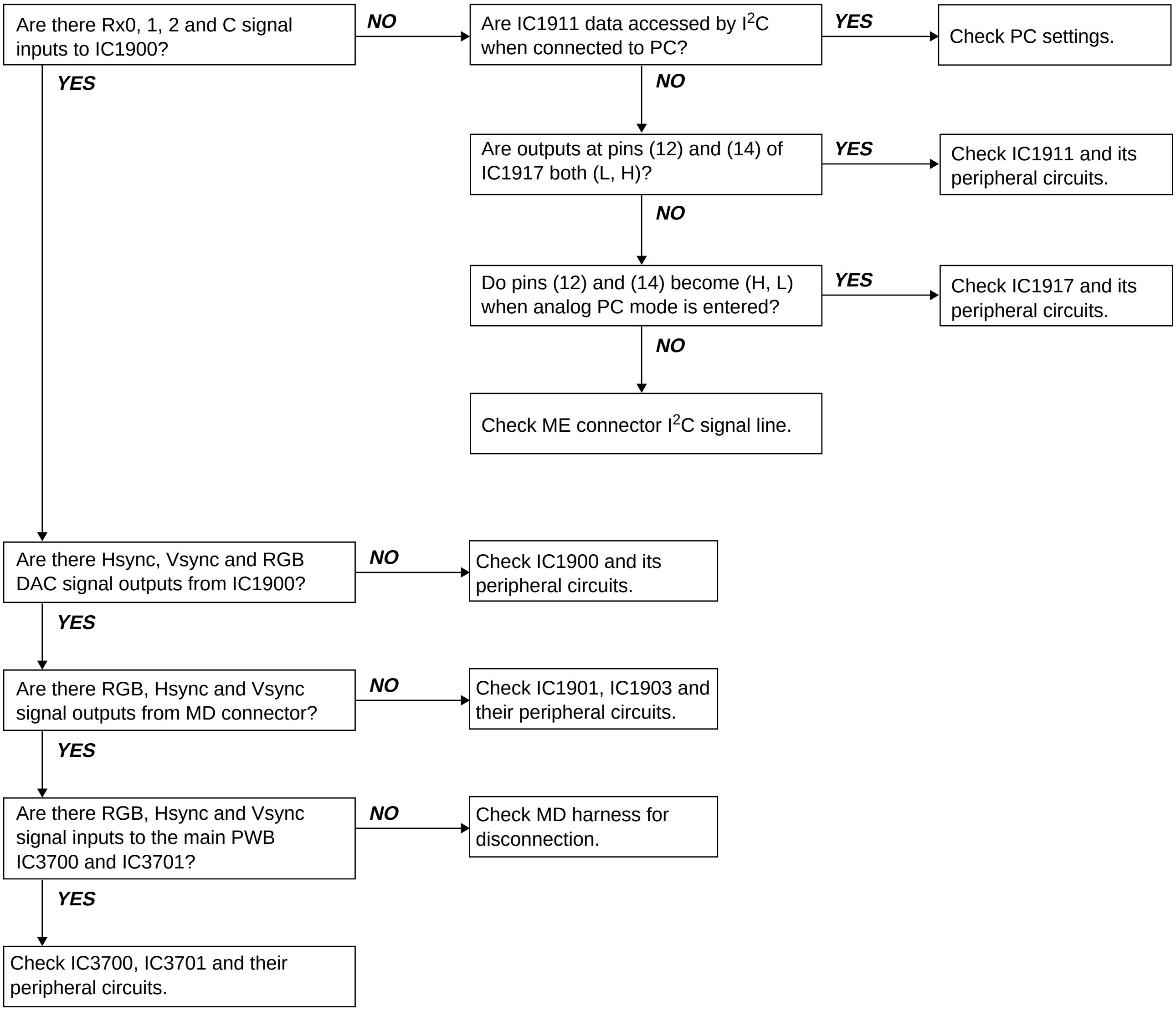
TROUBLE SHOOTING TABLE (Continued)

DVI Input (Analog PC mode)


Are there RGB signal inputs at pins (25), (26) and (27), and Hsync/Vsync signal inputs at pins (28) and (8) from DVI connector?
NO
Are IC1915 data accessed by I^2C when connected to PC?
YES
Check PC settings.
NO
Are outputs at pins (12) and (14) of IC1917 both (H, L)?
YES
Check IC1915 and its peripheral circuits.
NO
Do pins (12) and (14) become (L, H) when digital AV mode is entered?
YES
Check IC1917 and its peripheral circuits.
NO
Check ME connector I^2C signal line.
YES
Are there Vsync and Hsync signal outputs at pins (4) and (6) of IC1904?
NO
Check IC1904 and its peripheral circuits.
YES
Are there RGB, Hsync and Vsync signal outputs from MD connector?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are there RGB, Hsync and Vsync signal inputs to IC3700 and IC3701 of the main PWB?
NO
Check MD harness for disconnection.
YES
Check IC3700, IC3701 and their peripheral circuits.

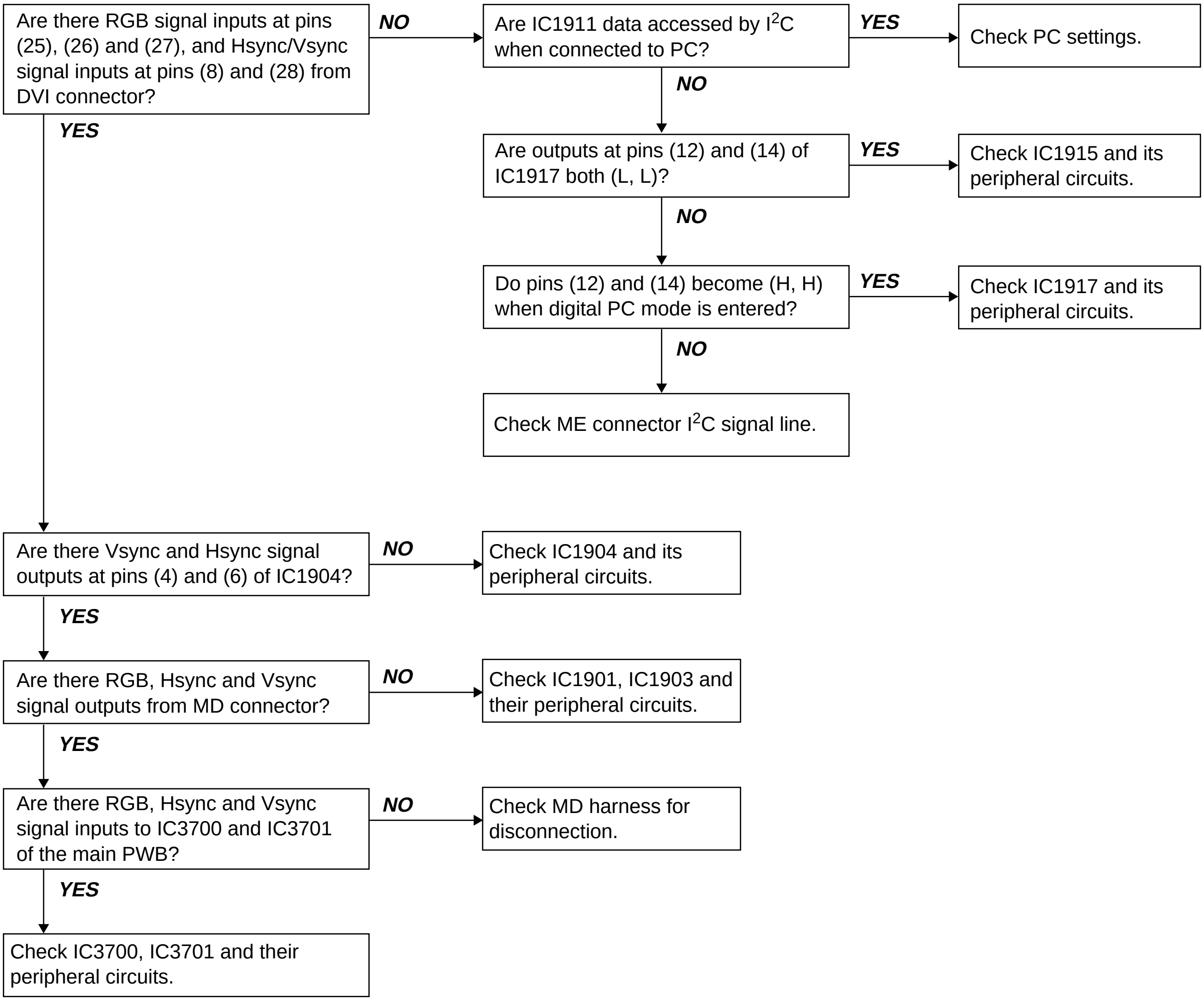
TROUBLE SHOOTING TABLE (Continued)

DVI Input (Digital AV mode)

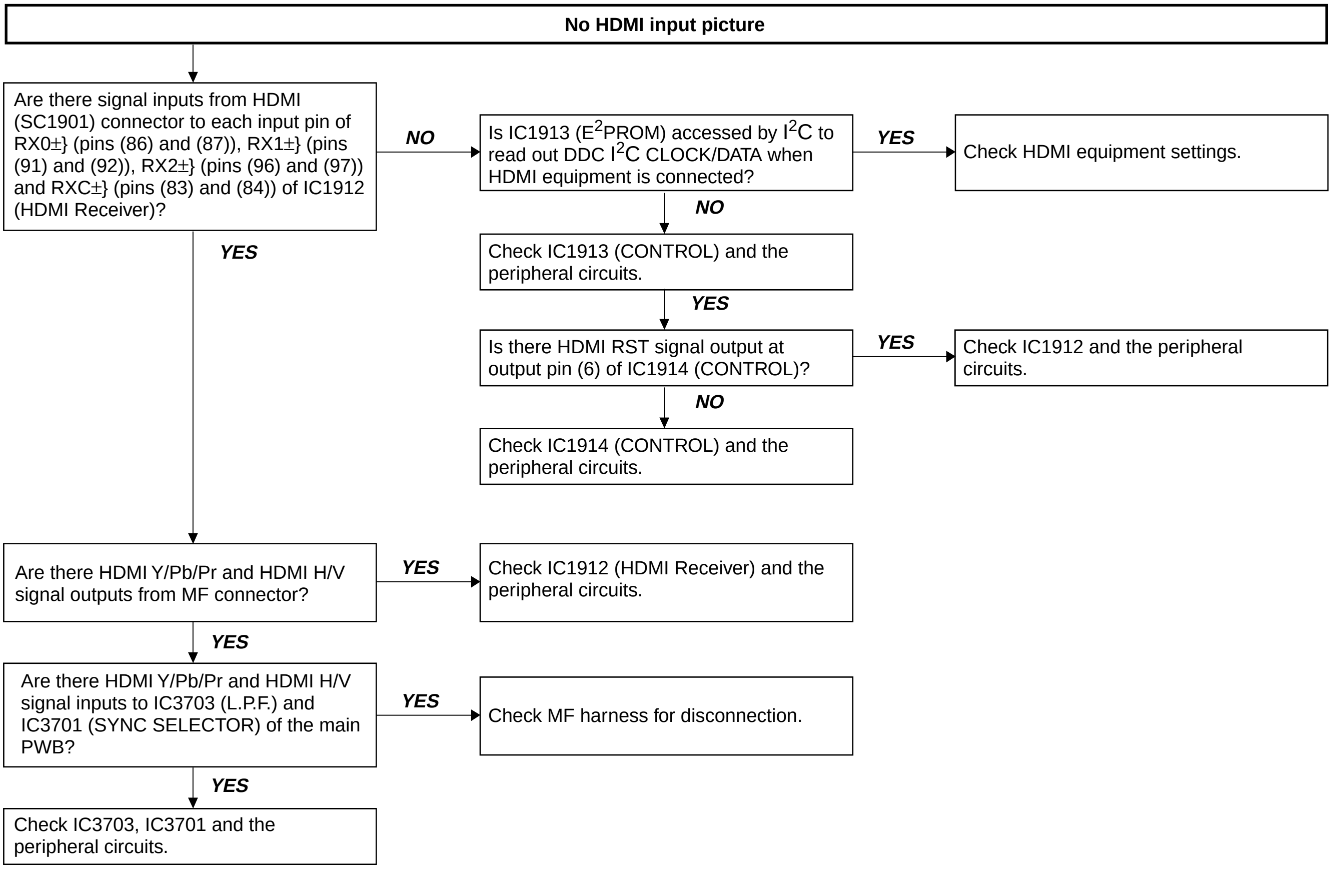

Are there Rx0, 1, 2 and C signal inputs to IC1900?
NO
Are IC1911 data accessed by I2C when connected to PC?
YES
Check PC settings.
NO
Are outputs at pins (12) and (14) of IC1917 both (L, H)?
YES
Check IC1911 and its peripheral circuits.
NO
Do pins (12) and (14) become (H, L) when analog PC mode is entered?
YES
Check IC1917 and its peripheral circuits.
NO
Check ME connector I2C signal line.
YES
Are there Hsync, Vsync and RGB DAC signal outputs from IC1900?
NO
Check IC1900 and its peripheral circuits.
YES
Are there RGB, Hsync and Vsync signal outputs from MD connector?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are there RGB, Hsync and Vsync signal inputs to the main PWB IC3700 and IC3701?
NO
Check MD harness for disconnection.
YES
Check IC3700, IC3701 and their peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

DVI Input (Analog AV mode)


Are there RGB signal inputs at pins (25), (26) and (27), and Hsync/Vsync signal inputs at pins (8) and (28) from DVI connector?
NO
Are IC1911 data accessed by I2C when connected to PC?
YES
Check PC settings.
NO
Are outputs at pins (12) and (14) of IC1917 both (L, L)?
YES
Check IC1915 and its peripheral circuits.
NO
Do pins (12) and (14) become (H, H) when digital PC mode is entered?
YES
Check IC1917 and its peripheral circuits.
NO
Check ME connector I2C signal line.
YES
Are there Vsync and Hsync signal outputs at pins (4) and (6) of IC1904?
NO
Check IC1904 and its peripheral circuits.
YES
Are there RGB, Hsync and Vsync signal outputs from MD connector?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are there RGB, Hsync and Vsync signal inputs to IC3700 and IC3701 of the main PWB?
NO
Check MD harness for disconnection.
YES
Check IC3700, IC3701 and their peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)



No HDMI input picture

Are there signal inputs from HDMI (SC1901) connector to each input pin of RX0±} (pins (86) and (87)), RX1±} (pins (91) and (92)), RX2±} (pins (96) and (97)) and RXC±} (pins (83) and (84)) of IC1912 (HDMI Receiver)?

Is IC1913 (E^2PROM) accessed by I^2C to read out DDC I^2C CLOCK/DATA when HDMI equipment is connected?

Check HDMI equipment settings.

Check IC1913 (CONTROL) and the peripheral circuits.

Is there HDMI RST signal output at output pin (6) of IC1914 (CONTROL)?

Check IC1912 and the peripheral circuits.

Check IC1914 (CONTROL) and the peripheral circuits.

Are there HDMI Y/Pb/Pr and HDMI H/V signal outputs from MF connector?

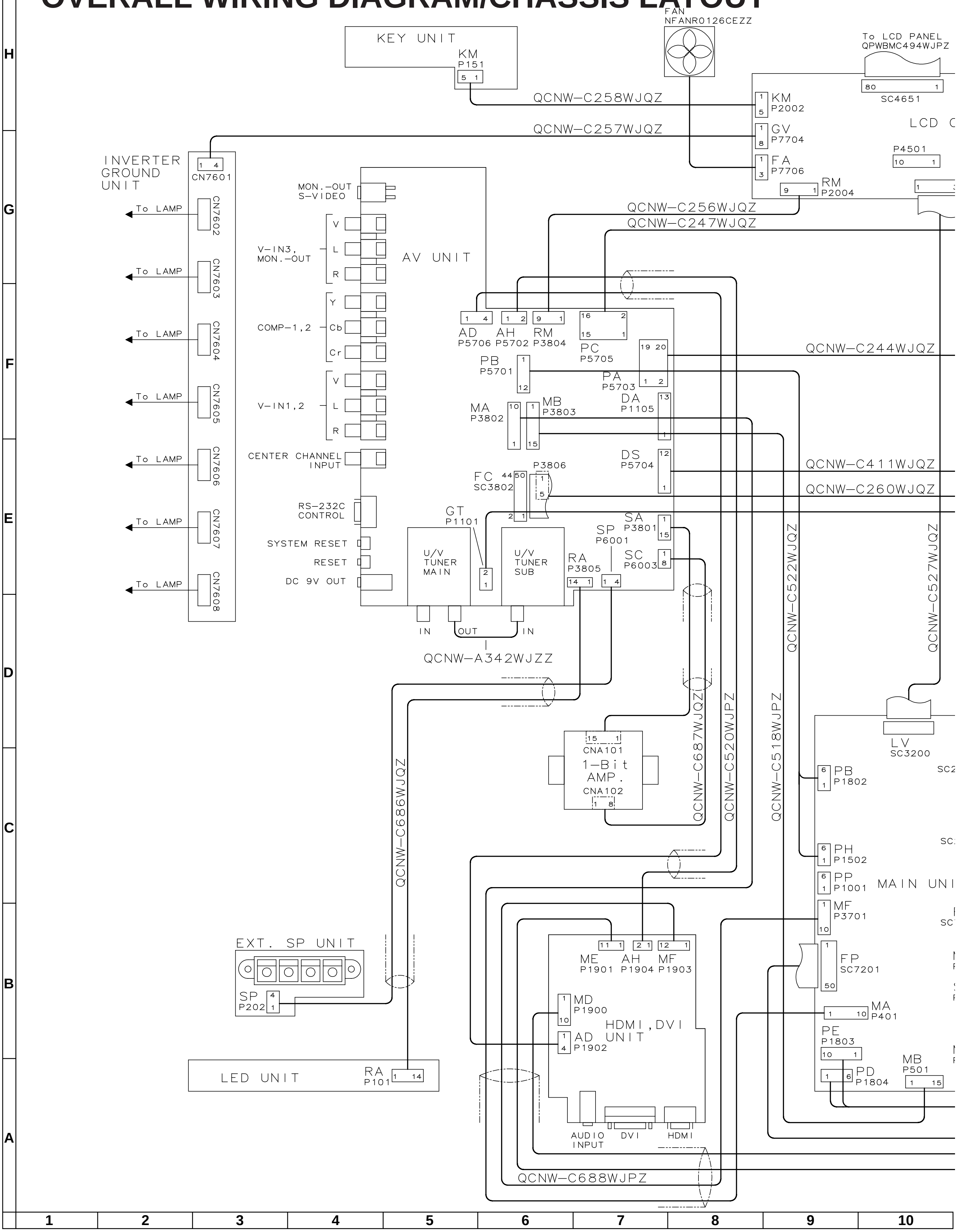
Check IC1912 (HDMI Receiver) and the peripheral circuits.

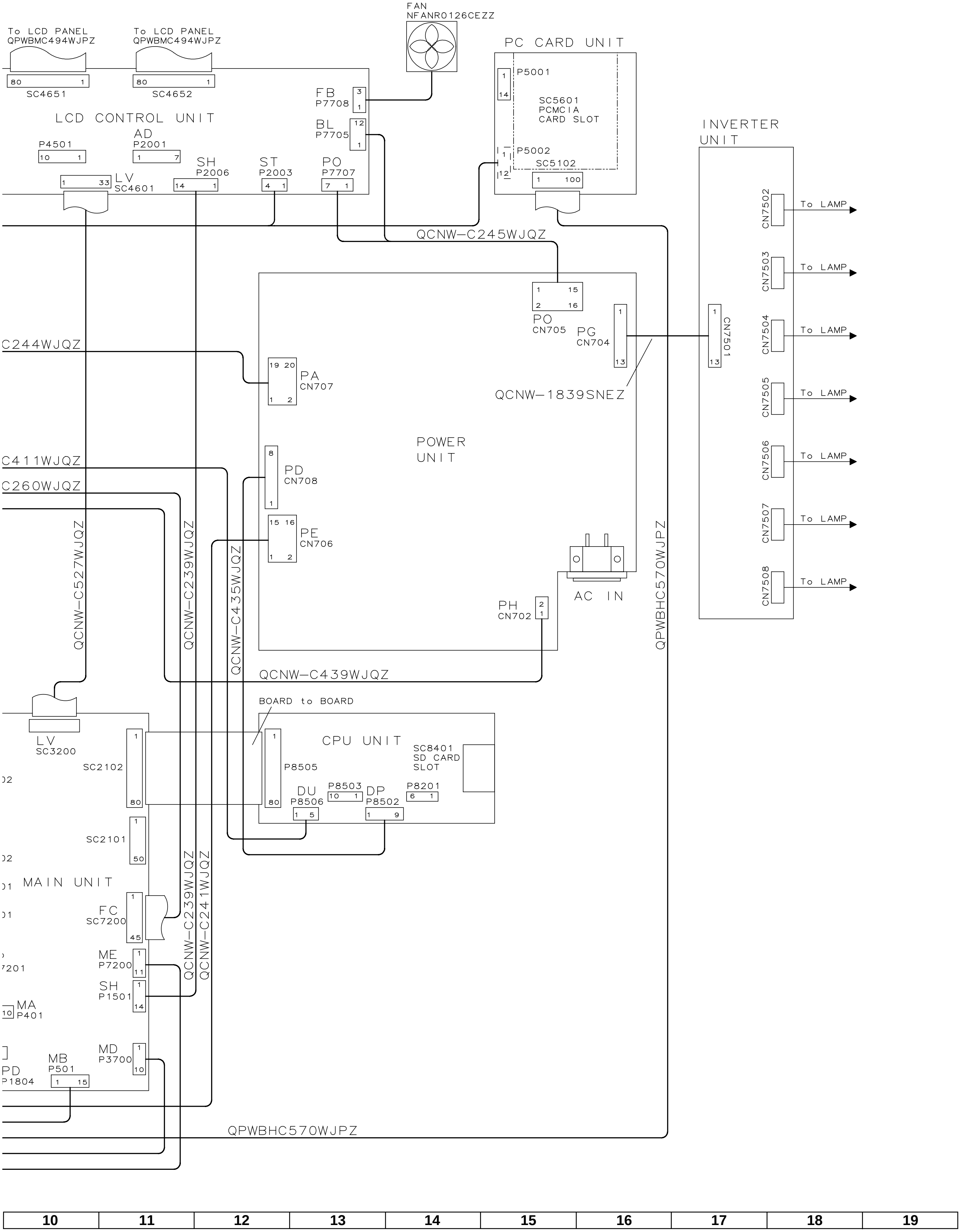
Are there HDMI Y/Pb/Pr and HDMI H/V signal inputs to IC3703 (L.P.F.) and IC3701 (SYNC SELECTOR) of the main PWB?

Check MF harness for disconnection.

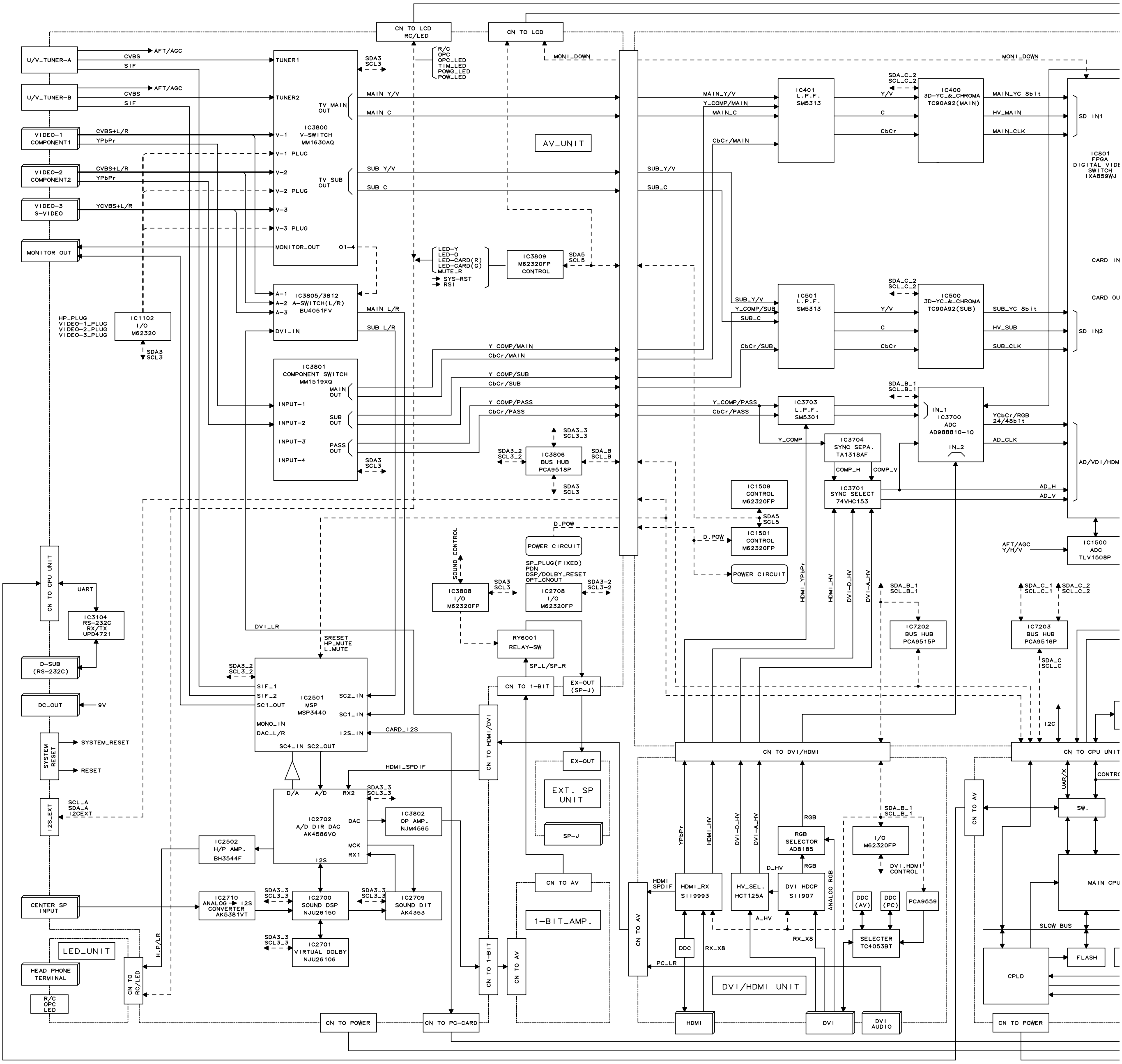
Check IC3703, IC3701 and the peripheral circuits.

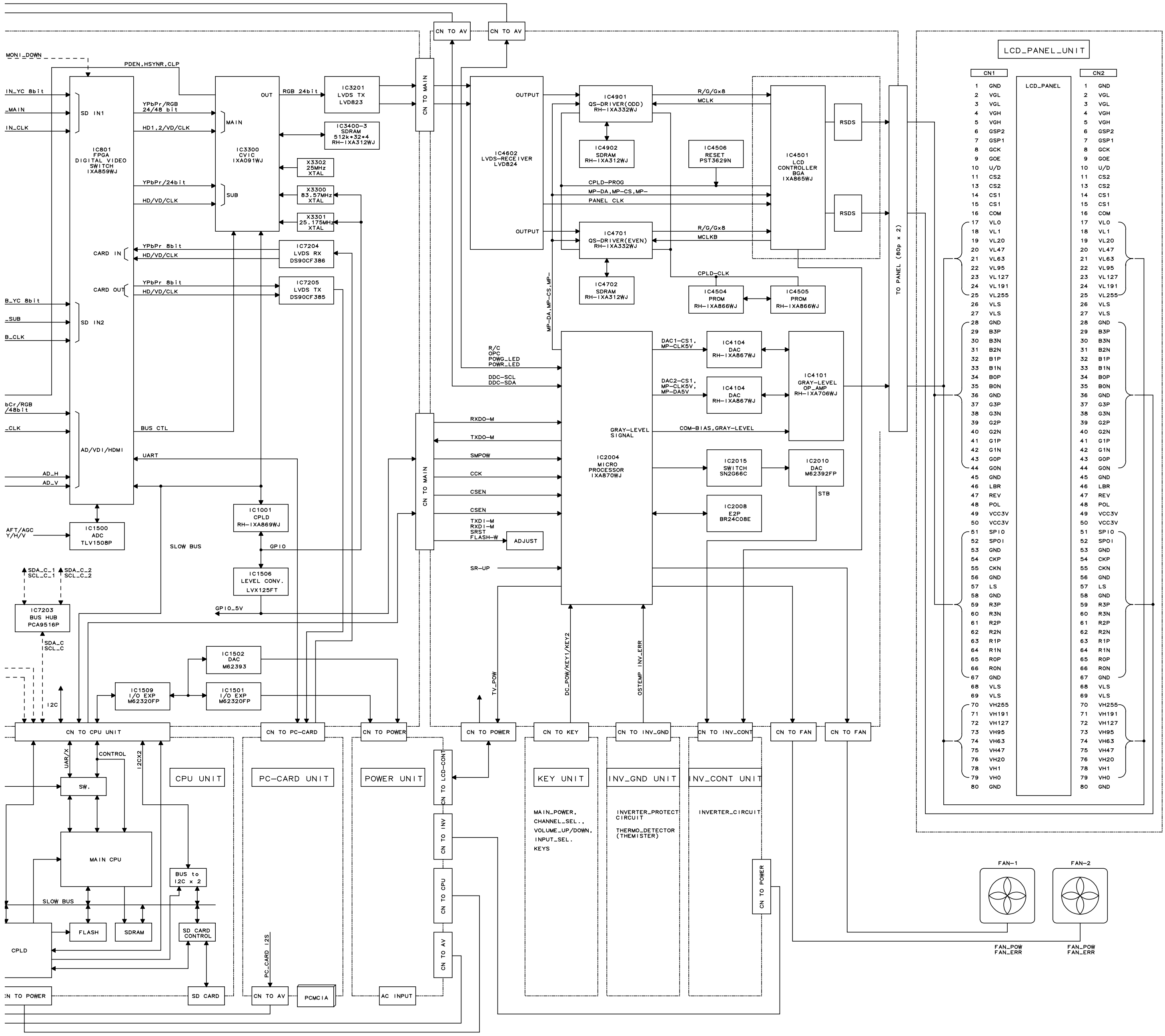
OVERALL WIRING DIAGRAM/CHASSIS LAYOUT


FAN
NFANR0126CEZZ
KEY UNIT
KM
P151
5 1
To LCD PANEL
QPWBMC494WJPZ
80 1
SC4651
QCNW-C258WJQZ
KM
P2002
QCNW-C257WJQZ
GV
P7704
LCD C
FA
P7706
P4501
10 1
RM
P2004
INVERTER
GROUND
UNIT
1 4
CN7601
To LAMP
CN7602
CN7603
CN7604
CN7605
CN7606
CN7607
CN7608
MON.-OUT
S-VIDEO
V-IN3,
MON.-OUT
V
L
R
AV UNIT
COMP-1,2
Y
Cb
Cr
V-IN1,2
CENTER CHANNEL
INPUT
RS-232C
CONTROL
SYSTEM RESET
RESET
DC 9V OUT
QCNW-C256WJQZ
QCNW-C247WJQZ
AD
P5706
AH
P5702
RM
P3804
PC
P5705
PB
P5701
PA
P5703
MA
P3802
MB
P3803
DA
P1105
DS
P5704
FC
SC3802
P3806
GT
P1101
SA
P3801
SP
P6001
SC
P6003
RA
P3805
U/V
TUNER
MAIN
U/V
TUNER
SUB
IN
OUT
IN
QCNW-A342WJZZ
QCNW-C244WJQZ
QCNW-C411WJQZ
QCNW-C260WJQZ
QCNW-C522WJQZ
QCNW-C527WJQZ
QCNW-C687WJQZ
QCNW-C520WJPZ
QCNW-C518WJPZ
QCNW-C686WJQZ
CNA101
1-Bit
AMP.
CNA102
LV
SC3200
PB
P1802
PH
P1502
PP
P1001
MAIN UNI
MF
P3701
FP
SC7201
MA
P401
PE
P1803
PD
P1804
MB
P501
EXT. SP UNIT
SP
P202
LED UNIT
RA
P101
ME
P1901
AH
P1904
MF
P1903
MD
P1900
HDMI,DVI
UNIT
AD
P1902
AUDIO
INPUT
DVI
HDMI
QCNW-C688WJPZ
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


FAN
NFANR0126CEZZ
To LCD PANEL
QPWBMC494WJPZ
To LCD PANEL
QPWBMC494WJPZ
80 1
SC4651
80 1
SC4652
LCD CONTROL UNIT
FB
P7708
3 1
BL
P7705
12 1
AD
P2001
1 7
P4501
10 1
1 33
LV
SC4601
SH
P2006
14 1
ST
P2003
4 1
PO
P7707
7 1
PC CARD UNIT
P5001
1 14
SC5601
PCMCIA
CARD SLOT
P5002
1 12
SC5102
1 100
INVERTER UNIT
CN7502
To LAMP
CN7503
To LAMP
CN7504
To LAMP
CN7505
To LAMP
CN7506
To LAMP
CN7507
To LAMP
CN7508
To LAMP
CN7501
1 13
QCNW-C245WJQZ
1 15
2 16
PO
CN705
PG
CN704
1 13
QCNW-1839SNEZ
C244WJQZ
19 20
1 2
PA
CN707
POWER
UNIT
C411WJQZ
C260WJQZ
8 1
PD
CN708
15 16
1 2
PE
CN706
AC IN
PH
CN702
2 1
QCNW-C527WJQZ
QCNW-C239WJQZ
QCNW-C435WJQZ
QPWBHC570WJPZ
QCNW-C439WJQZ
BOARD to BOARD
CPU UNIT
1 80
P8505
SC8401
SD CARD
SLOT
DU
P8506
1 5
P8503
10 1
DP
P8502
1 9
P8201
6 1
LV
SC3200
SC2102
1 80
)2
SC2101
1 50
)2
)1
MAIN UNIT
)1
FC
SC7200
1 45
7201
ME
P7200
1 11
SH
P1501
1 14
MA
10 P401
QCNW-C239WJQZ
QCNW-C241WJQZ
MD
P3700
1 10
MB
P501
1 15
PD
P1804
QPWBHC570WJPZ
10
11
12
13
14
15
16
17
18
19

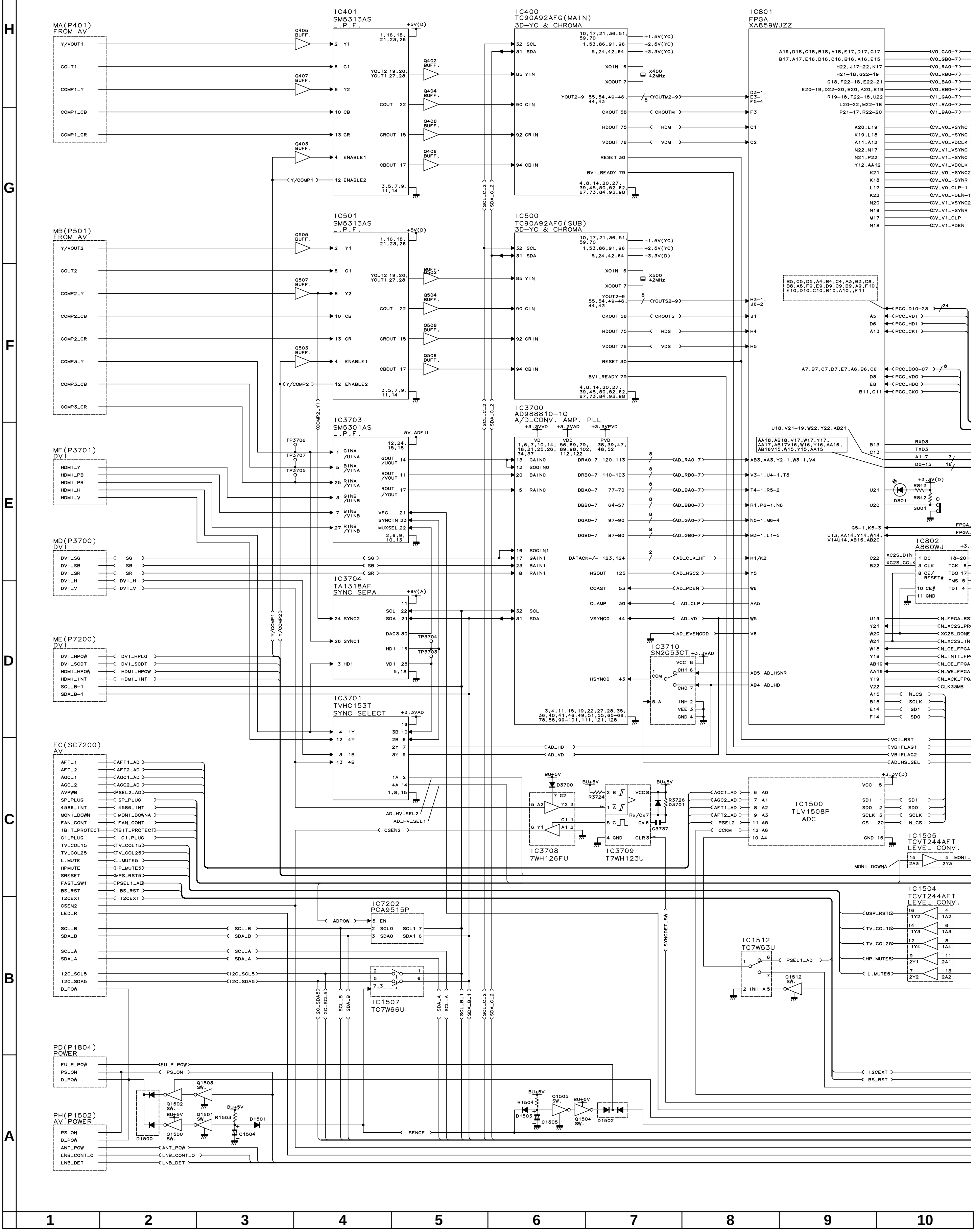
SYSTEM BLOCK DIAGRAM

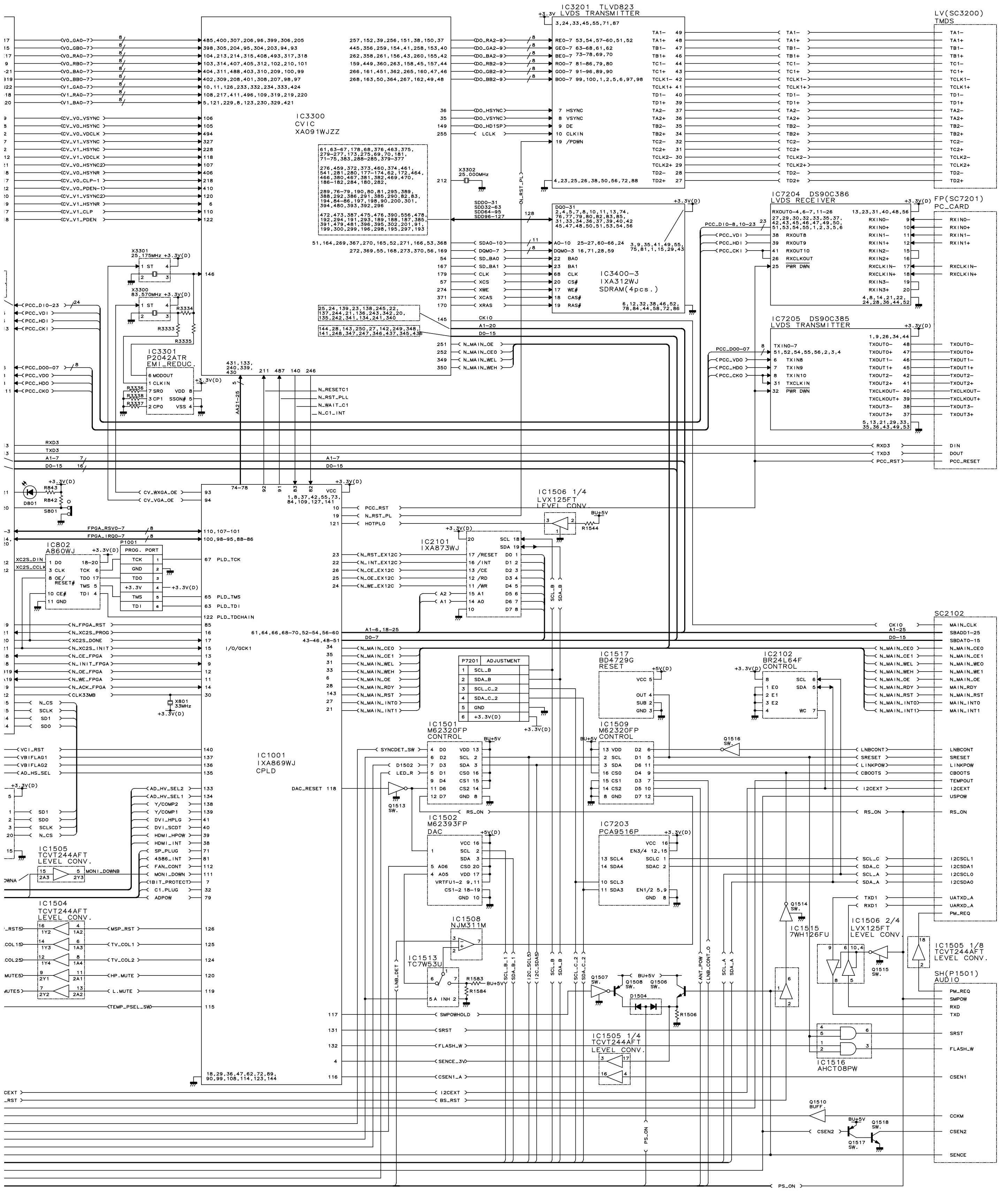

CN TO LCD
RC/LED
CN TO LCD
MONI_DOWN
MONI_DOWN
U/V_TUNER-A
CVBS
SIF
AFT/AGC
U/V_TUNER-B
CVBS
SIF
AFT/AGC
VIDEO-1
COMPONENT1
CVBS+L/R
YPbPr
VIDEO-2
COMPONENT2
CVBS+L/R
YPbPr
VIDEO-3
S-VIDEO
YCVBS+L/R
MONITOR OUT
TUNER1
TUNER2
V-1
V-1 PLUG
V-2
V-2 PLUG
V-3
V-3 PLUG
MONITOR_OUT
O1-4
IC3800
V-SWITCH
MM1630AQ
TV MAIN OUT
TV SUB OUT
SDA3
SCL3
R/C
OPC
OPC_LED
TIM_LED
POWG_LED
POW_LED
MAIN Y/V
MAIN C
SUB Y/V
SUB C
AV_UNIT
LED-Y
LED-O
LED-CARD(R)
LED-CARD(G)
MUTE_R
SYS-RST
RSI
IC3809
M62320FP
CONTROL
SDA5
SCL5
A-1
A-2
A-3
DVI_IN
IC3805/3812
A-SWITCH(L/R)
BU4051FV
MAIN L/R
SUB L/R
HP_PLUG
VIDEO-1_PLUG
VIDEO-2_PLUG
VIDEO-3_PLUG
IC1102
I/O
M62320
IC3801
COMPONENT SWITCH
MM1519XQ
INPUT-1
INPUT-2
INPUT-3
INPUT-4
MAIN OUT
SUB OUT
PASS OUT
Y COMP/MAIN
CbCr/MAIN
Y COMP/SUB
CbCr/SUB
Y COMP/PASS
CbCr/PASS
SDA3_3
SCL3_3
SDA3_2
SCL3_2
IC3806
BUS HUB
PCA9518P
SDA_B
SCL_B
MAIN_Y/V
Y_COMP/MAIN
MAIN_C
CbCr/MAIN
SUB_Y/V
SUB_C
IC401
L.P.F.
SM5313
Y/V
C
CbCr
SDA_C_2
SCL_C_2
IC400
3D-YC_&_CHROMA
TC90A92(MAIN)
MAIN_YC 8bit
HV_MAIN
MAIN_CLK
SD IN1
IC801
FPGA
DIGITAL VIDE
SWITCH
IXA859WJ
CARD IN
CARD OU
SUB_Y/V
Y_COMP/SUB
SUB_C
CbCr/SUB
IC501
L.P.F.
SM5313
IC500
3D-YC_&_CHROMA
TC90A92(SUB)
SUB_YC 8bit
HV_SUB
SUB_CLK
SD IN2
Y_COMP/PASS
CbCr/PASS
IC3703
L.P.F.
SM5301
SDA_B_1
SCL_B_1
IN_1
IC3700
ADC
AD9888I0-1Q
IN_2
YCbCr/RGB
24/48bit
AD_CLK
Y_COMP
IC3704
SYNC SEPA.
TA1318AF
COMP_H
COMP_V
IC3701
SYNC SELECT
74VHC153
AD_H
AD_V
AD/VDI/HDM
IC1509
CONTROL
M62320FP
IC1501
CONTROL
M62320FP
D_POW
POWER CIRCUIT
POWER CIRCUIT
AFT/AGC
Y/H/V
IC1500
ADC
TLV1508P
SOUND CONTROL
SP_PLUG(FIXED)
PDN
DSP/DOLBY_RESET
OPT_CNOUT
IC3808
I/O
M62320FP
IC2708
I/O
M62320FP
RY6001
RELAY-SW
SP_L/SP_R
CN TO 1-BIT
EX-OUT
(SP-J)
HDMI_YPbPr
HDMI_HV
DVI-D_HV
DVI-A_HV
IC7202
BUS HUB
PCA9515P
SDA_C_1
SCL_C_1
SDA_C_2
SCL_C_2
IC7203
BUS HUB
PCA9516P
SDA_C
SCL_C
I2C
CN TO CPU UNIT
UART
IC3104
RS-232C
RX/TX
UPD4721
D-SUB
(RS-232C)
DC_OUT
9V
SYSTEM RESET
SYSTEM_RESET
RESET
I2S_EXT
SCL_A
SDA_A
I2CEXT
DVI_LR
SRESET
HP_MUTE
L.MUTE
SIF_1
SIF_2
SC1_OUT
MONO_IN
DAC_L/R
IC2501
MSP
MSP3440
SC2_IN
SC1_IN
I2S_IN
SC4_IN SC2_OUT
CARD_I2S
HDMI_SPDIF
CN TO HDMI/DVI
CN TO DVI/HDMI
CN TO CPU UNIT
D/A
A/D
RX2
IC2702
A/D DIR DAC
AK4586VQ
DAC
MCK
RX1
I2S
IC3802
OP AMP.
NJM4565
IC2502
H/P AMP.
BH3544F
EX-OUT
EXT. SP
UNIT
SP-J
CENTER SP
INPUT
IC2710
ANALOG → I2S
CONVERTER
AK5381VT
IC2700
SOUND DSP
NJU26150
IC2709
SOUND DIT
AK4353
IC2701
VIRTUAL DOLBY
NJU26106
LED_UNIT
H.P/LR
HEAD PHONE
TERMINAL
R/C
OPC
LED
CN TO
RC/LED
CN TO AV
1-BIT_AMP.
CN TO 1-BIT
CN TO AV
CN TO AV
HDMI
SPDIF
HDMI_RX
SII9993
YPbPr
HDMI_HV
DVI-D_HV
DVI-A_HV
HV_SEL.
HCT125A
A_HV
D_HV
RGB
RGB
SELECTOR
AD8185
DVI HDCP
SII907
ANALOG RGB
SDA_B_1
SCL_B_1
I/O
M62320FP
DVI.HDMI
CONTROL
DDC
(AV)
DDC
(PC)
PCA9559
SELECTER
TC4053BT
RX_X8
RX_X8
DDC
PC_LR
DVI/HDMI UNIT
HDMI
DVI
DVI
AUDIO
CN TO POWER
CN TO PC-CARD
CN TO POWER
CN TO AV
UAR/X
SW.
CONTRO
MAIN CPU
SLOW BUS
CPLD
FLASH


MONI_DOWN
PDEN,HSYNR,CLP
IN_YC 8bit
_MAIN
IN_CLK
SD IN1
YPbPr/RGB 24/48 bit
HD1,2/VD/CLK
IC801 FPGA DIGITAL VIDEO SWITCH IXA859WJ
YPbPr/24bit
HD/VD/CLK
CARD IN
YPbPr 8bit
HD/VD/CLK
CARD OUT
YPbPr 8bit
HD/VD/CLK
B_YC 8bit
_SUB
B_CLK
SD IN2
bCr/RGB /48bit
_CLK
AD/VDI/HDMI
BUS CTL
UART
AD_H
AD_V
AFT/AGC Y/H/V
IC1500 ADC TLV1508P
SLOW BUS
OUT
RGB 24bit
MAIN
SUB
IC3300 CVIC IXA091WJ
IC3201 LVDS TX LVD823
IC3400-3 SDRAM 512k×32×4 RH-IXA312WJ
X3302 25MHz XTAL
X3300 83.57MHz XTAL
X3301 25.175MHz XTAL
IC7204 LVDS RX DS90CF386
IC7205 LVDS TX DS90CF385
IC1001 CPLD RH-IXA869WJ
GPIO
IC1506 LEVEL CONV. LVX125FT
GPIO_5V
SDA_C_1 SCL_C_1
SDA_C_2 SCL_C_2
IC7203 BUS HUB PCA9516P
SDA_C SCL_C
I2C
IC1502 DAC M62393
IC1509 I/O EXP M62320FP
IC1501 I/O EXP M62320FP
CN TO AV
CN TO AV
CN TO MAIN
OUTPUT
IC4602 LVDS-RECEIVER LVD824
OUTPUT
IC4901 QS-DRIVER(ODD) RH-IXA332WJ
IC4902 SDRAM RH-IXA312WJ
IC4701 QS-DRIVER(EVEN) RH-IXA332WJ
IC4702 SDRAM RH-IXA312WJ
R/G/Gx8
MCLK
R/G/Gx8
MCLKB
IC4506 RESET PST3629N
CPLD-PROG
MP-DA,MP-CS,MP-
PANEL CLK
IC4501 LCD CONTROLLER BGA IXA865WJ
RSDS
RSDS
CPLD-CLK
IC4504 PROM RH-IXA866WJ
IC4505 PROM RH-IXA866WJ
MP-DA,MP-CS,MP-
R/C OPC POWG_LED POWR_LED
DDC-SCL DDC-SDA
DAC1-CS1, MP-CLK5V
IC4104 DAC RH-IXA867WJ
DAC2-CS1, MP-CLK5V, MP-DA5V
IC4104 DAC RH-IXA867WJ
IC4101 GRAY-LEVEL OP_AMP RH-IXA706WJ
GRAY-LEVEL SIGNAL
COM-BIAS,GRAY-LEVEL
IC2004 MICRO PROCESSOR IXA870WJ
IC2015 SWITCH SN2G66C
IC2010 DAC M62392FP
STB
IC2008 E2P BR24C08E
CN TO MAIN
RXDO-M
TXDO-M
SMPOW
CCK
CSEN
CSEN
TXDI-M RXDI-M SRST FLASH-W
ADJUST
SR-UP
TV_POW
DC_POW/KEY1/KEY2
OSTEMP INV_ERR
TO PANEL (80p x 2)
LCD_PANEL_UNIT
CN1
LCD_PANEL
CN2
1 GND
2 VGL
3 VGL
4 VGH
5 VGH
6 GSP2
7 GSP1
8 GCK
9 GOE
10 U/D
11 CS2
12 CS2
13 CS2
14 CS1
15 CS1
16 COM
17 VL0
18 VL1
19 VL20
20 VL47
21 VL63
22 VL95
23 VL127
24 VL191
25 VL255
26 VLS
27 VLS
28 GND
29 B3P
30 B3N
31 B2N
32 B1P
33 B1N
34 B0P
35 B0N
36 GND
37 G3P
38 G3N
39 G2P
40 G2N
41 G1P
42 G1N
43 G0P
44 G0N
45 GND
46 LBR
47 REV
48 POL
49 VCC3V
50 VCC3V
51 SPIO
52 SPOI
53 GND
54 CKP
55 CKN
56 GND
57 LS
58 GND
59 R3P
60 R3N
61 R2P
62 R2N
63 R1P
64 R1N
65 R0P
66 R0N
67 GND
68 VLS
69 VLS
70 VH255
71 VH191
72 VH127
73 VH95
74 VH63
75 VH47
76 VH20
77 VH1
78 VH1
79 VH0
80 GND
CN TO CPU UNIT
CN TO PC-CARD
CN TO POWER
CN TO POWER
CN TO KEY
CN TO INV_GND
CN TO INV_CONT
CN TO FAN
CN TO FAN
UAR/X
CONTROL
I2CX2
SW.
MAIN CPU
BUS to I2C x 2
SLOW BUS
FLASH
SDRAM
SD CARD CONTROL
CPLD
CN TO POWER
SD CARD
CPU UNIT
PC-CARD UNIT
PC_CARD I2S
CN TO AV
PCMCIA
POWER UNIT
AC INPUT
CN TO LCD-CONT
CN TO INV
CN TO CPU
CN TO AV
KEY UNIT
MAIN_POWER, CHANNEL_SEL., VOLUME_UP/DOWN, INPUT_SEL. KEYS
INV_GND UNIT
INVERTER_PROTECT CIRCUIT
THERMO_DETECTOR (THEMISTER)
INV_CONT UNIT
INVERTER_CIRCUIT
CN TO POWER
FAN-1
FAN-2
FAN_POW FAN_ERR
FAN_POW FAN_ERR

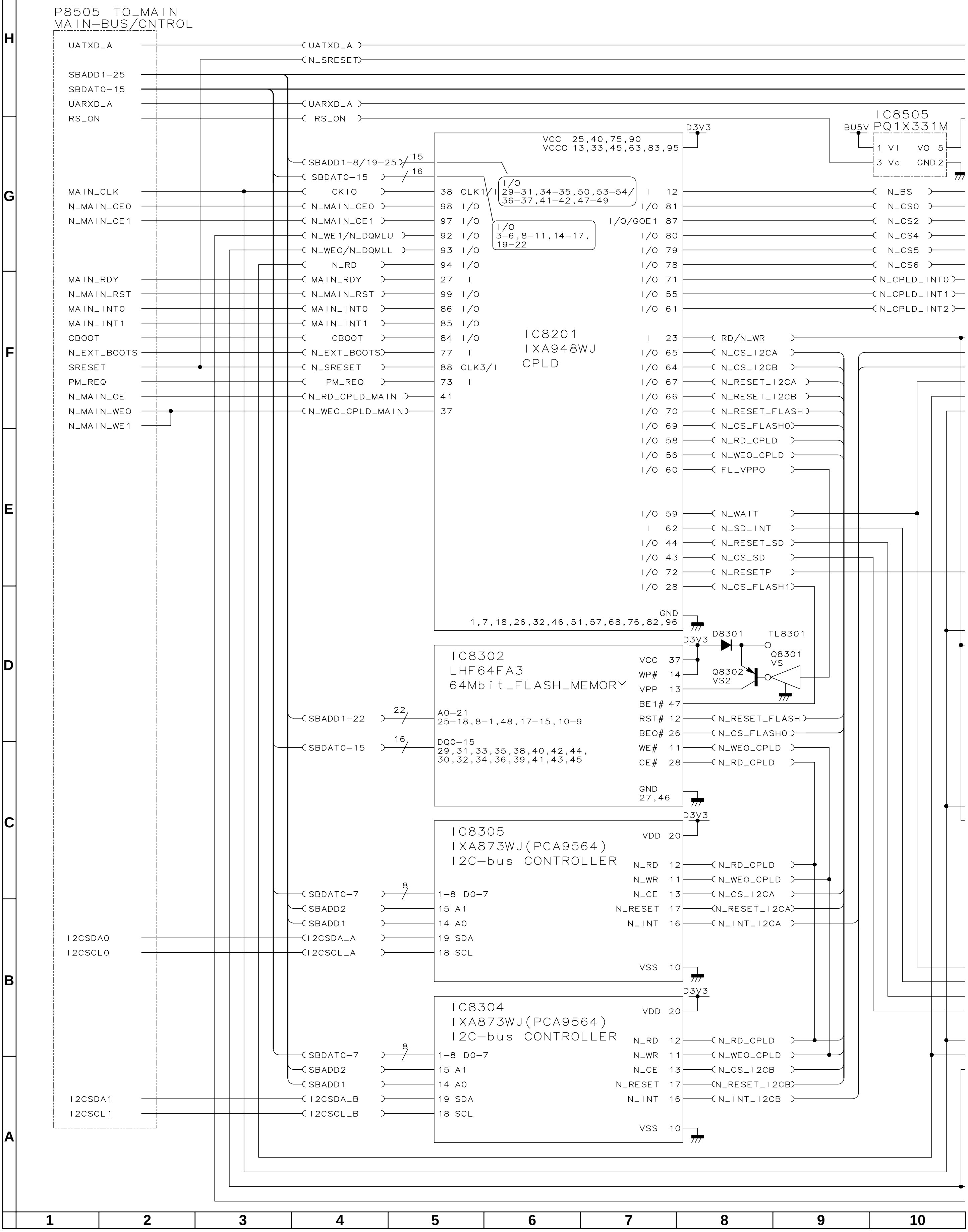
10	11	12	13	14	15	16	17	18	19

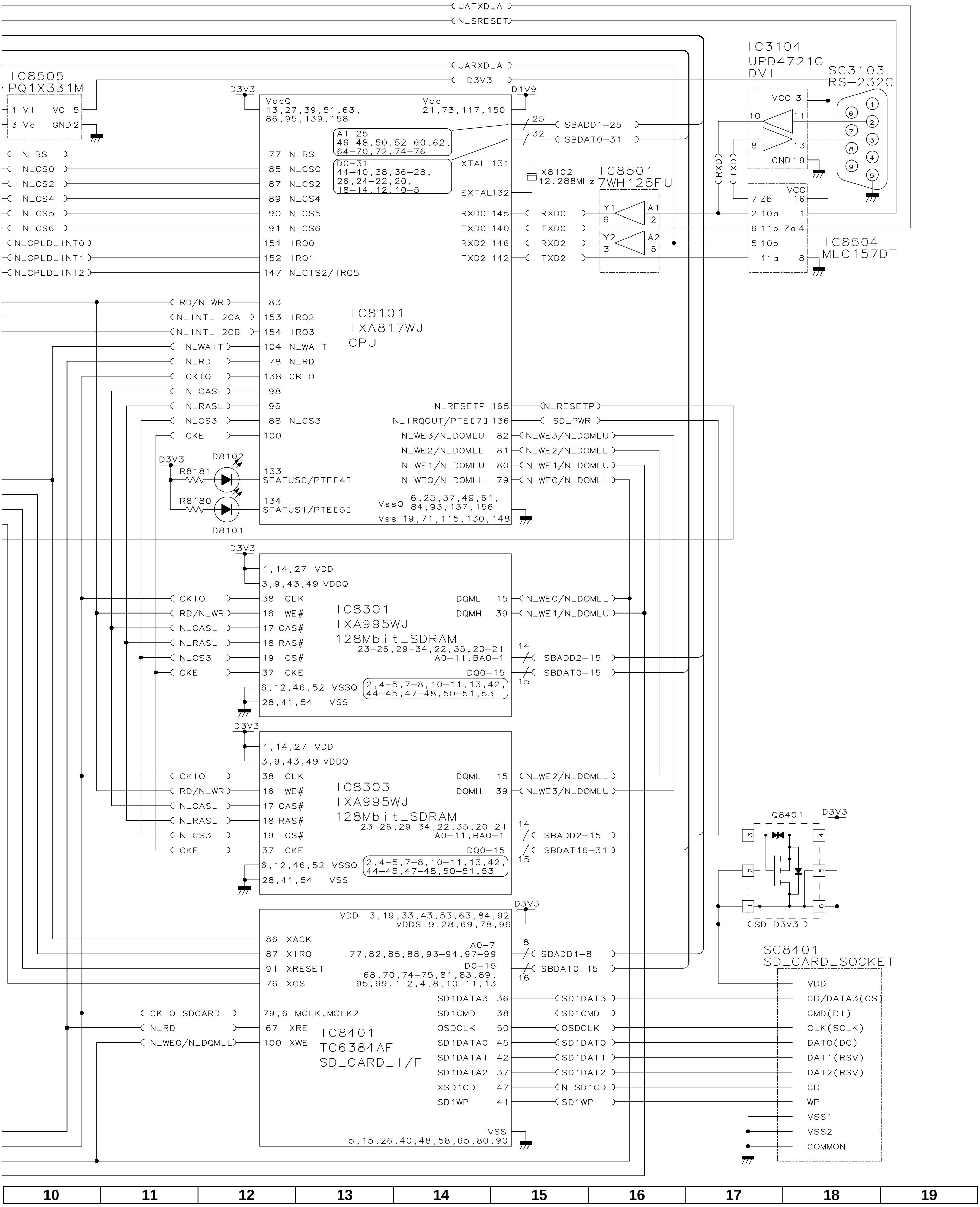
MAIN BLOCK DIAGRAM


MA(P401)
FROM AV
Y/VOUT1
COUT1
COMP1_Y
COMP1_CB
COMP1_CR
IC401
SM5313AS
L.P.F.
IC400
TC90A92AFG(MAIN)
3D-YC & CHROMA
X400
42MHz
IC801
FPGA
XA859WJZZ
MB(P501)
FROM AV
Y/VOUT2
COUT2
COMP2_Y
COMP2_CB
COMP2_CR
COMP3_Y
COMP3_CB
COMP3_CR
IC501
SM5313AS
L.P.F.
IC500
TC90A92AFG(SUB)
3D-YC & CHROMA
X500
42MHz
MF(P3701)
DVI
HDMI_Y
HDMI_PB
HDMI_PR
HDMI_H
HDMI_V
IC3703
SM5301AS
L.P.F.
IC3700
AD988810-1Q
A/D_CONV. AMP. PLL
MD(P3700)
DVI
DVI_SG
DVI_SB
DVI_SR
DVI_H
DVI_V
IC3704
TA1318AF
SYNC SEPA.
ME(P7200)
DVI
DVI_HPOW
DVI_SCDT
HDMI_HPOW
HDMI_INT
SCL_B-1
SDA_B-1
IC3701
TVHC153T
SYNC SELECT
IC3710
SN2G53CT
IC802
A860WJ
FC(SC7200)
AV
AFT_1
AFT_2
AGC_1
AGC_2
AVPWB
SP_PLUG
4586_INT
MONI_DOWNA
FAN_CONT
1BIT_PROTECT
C1_PLUG
TV_COL15
TV_COL25
L.MUTE
HPMUTE
SRESET
FAST_SW1
BS_RST
I2CEXT
CSEN2
LED_R
SCL_B
SDA_B
SCL_A
SDA_A
I2C_SCL5
I2C_SDA5
D_POW
IC3708
7WH126FU
IC3709
T7WH123U
IC1500
TLV1508P
ADC
IC1505
TCVT244AFT
LEVEL CONV.
IC1504
TCVT244AFT
LEVEL CONV.
IC7202
PCA9515P
IC1507
TC7W66U
IC1512
TC7W53U
PD(P1804)
POWER
EU_P_POW
PS_ON
D_POW
PH(P1502)
AV POWER
PS_ON
D_POW
ANT_POW
LNB_CONT_O
LNB_DET
D1500
D1501
D1502
D1503
Q1500
Q1501
Q1502
Q1503
Q1504
Q1505
SENCE
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

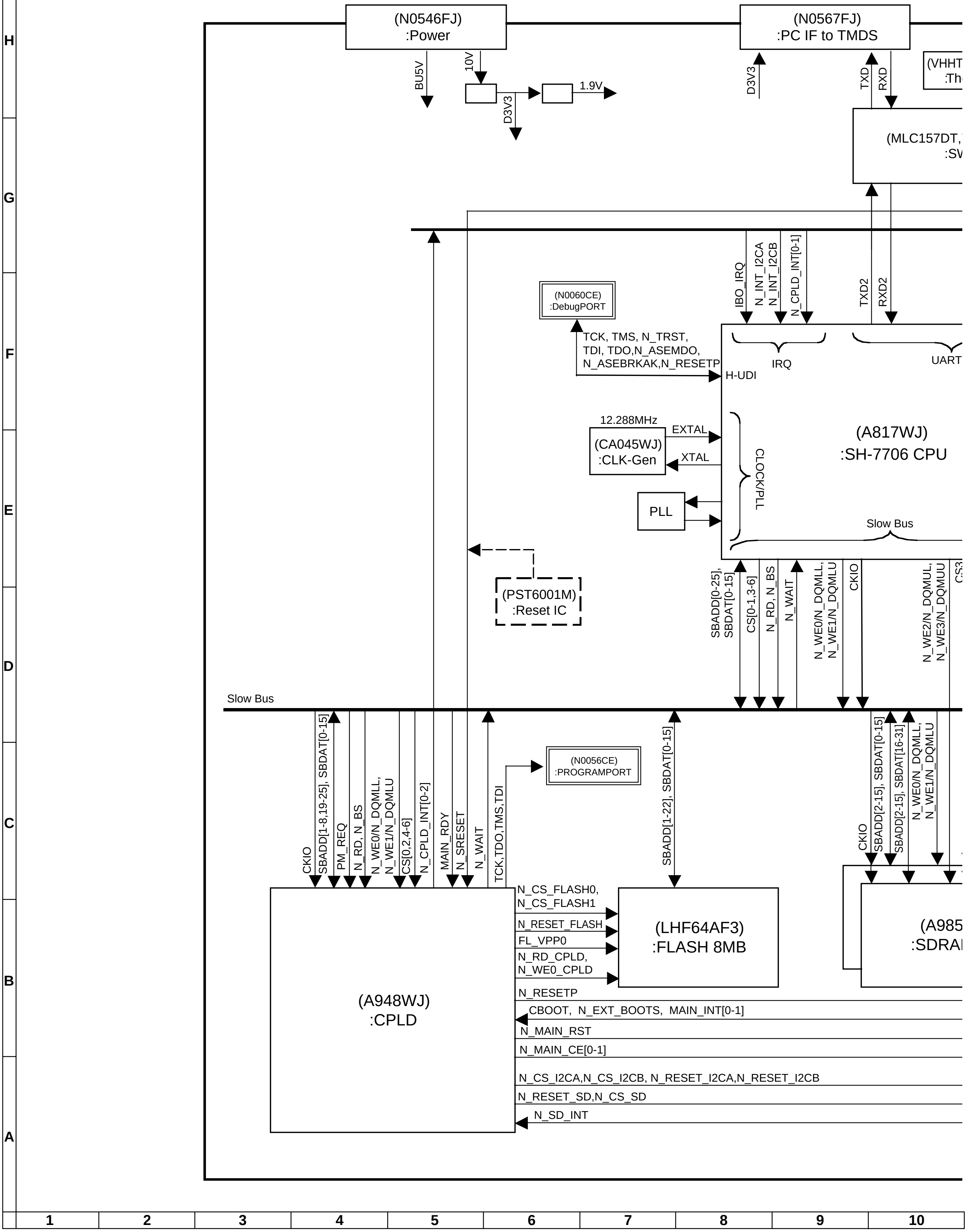

IC3300
CVIC
XA091WJZZ
IC3201 TLVD823
LVDS TRANSMITTER
LV(SC3200)
TMDS
X3302
25.000MHz
IC7204 DS90C386
LVDS RECEIVER
FP(SC7201)
PC_CARD
IC3400-3
IXA312WJ
SDRAM(4pcs.)
IC7205 DS90C385
LVDS TRANSMITTER
X3301
25.175MHz
X3300
83.570MHz
IC3301
P2042ATR
EMI_REDUC.
D801
S801
IC802
A860WJ
P1001
PROG. PORT
IC1506 1/4
LVX125FT
LEVEL CONV.
IC2101
IXA873WJ
X801
33MHz
IC1001
IXA869WJ
CPLD
P7201 ADJUSTMENT
IC1517
BD4729G
RESET
IC2102
BR24L64F
CONTROL
SC2102
IC1501
M62320FP
CONTROL
IC1509
M62320FP
CONTROL
Q1516 SW.
Q1513 SW.
IC1502
M62393FP
DAC
IC7203
PCA9516P
IC1505
TCVT244AFT
LEVEL CONV.
IC1504
TCVT244AFT
LEVEL CONV.
IC1508
NJM311M
IC1513
TC7W53U
Q1514 SW.
IC1515
7WH126FU
IC1506 2/4
LVX125FT
LEVEL CONV.
IC1505 1/8
TCVT244AFT
LEVEL CONV.
SH(P1501)
AUDIO
Q1507 SW.
Q1508 SW.
Q1506 SW.
D1504
IC1505 1/4
TCVT244AFT
LEVEL CONV.
IC1516
AHCT08PW
Q1510 BUFF.
Q1518 SW.
Q1517 SW.
PS_ON
10
11
12
13
14
15
16
17
18
19

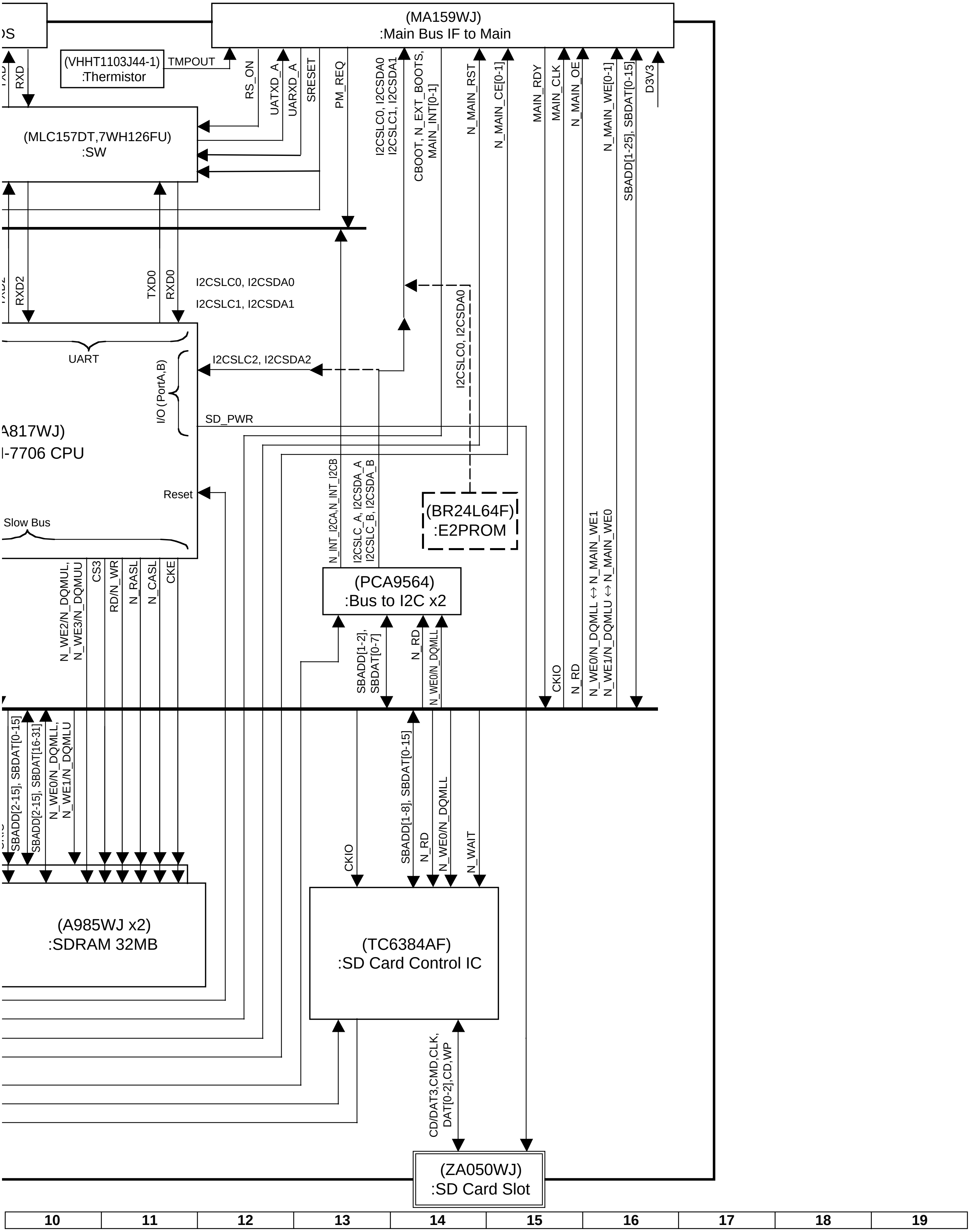
CPU BLOCK DIAGRAM-1/2


P8505 TO_MAIN
MAIN-BUS/CNTROL
UATXD_A
SBADD1-25
SBDAT0-15
UARXD_A
RS_ON
MAIN_CLK
N_MAIN_CE0
N_MAIN_CE1
MAIN_RDY
N_MAIN_RST
MAIN_INT0
MAIN_INT1
CBOOT
N_EXT_BOOTS
SRESET
PM_REQ
N_MAIN_OE
N_MAIN_WE0
N_MAIN_WE1
I2CSDA0
I2CSCL0
I2CSDA1
I2CSCL1
UATXD_A
N_SRESET
UARXD_A
RS_ON
SBADD1-8/19-25
15
SBDAT0-15
16
CKIO
N_MAIN_CE0
N_MAIN_CE1
N_WE1/N_DQMLU
N_WE0/N_DQMLL
N_RD
MAIN_RDY
N_MAIN_RST
MAIN_INT0
MAIN_INT1
CBOOT
N_EXT_BOOTS
N_SRESET
PM_REQ
N_RD_CPLD_MAIN
N_WE0_CPLD_MAIN
D3V3
VCC 25,40,75,90
VCCO 13,33,45,63,83,95
38 CLK1/I
98 I/O
97 I/O
92 I/O
93 I/O
94 I/O
27 I
99 I/O
86 I/O
85 I/O
84 I/O
77 I
88 CLK3/I
73 I
41
37
I/O
29-31,34-35,50,53-54/
36-37,41-42,47-49
I/O
3-6,8-11,14-17,
19-22
IC8201
IXA948WJ
CPLD
I 12
I/O 81
I/O/GOE1 87
I/O 80
I/O 79
I/O 78
I/O 71
I/O 55
I/O 61
I 23
I/O 65
I/O 64
I/O 67
I/O 66
I/O 70
I/O 69
I/O 58
I/O 56
I/O 60
I/O 59
I 62
I/O 44
I/O 43
I/O 72
I/O 28
GND
1,7,18,26,32,46,51,57,68,76,82,96
N_BS
N_CS0
N_CS2
N_CS4
N_CS5
N_CS6
N_CPLD_INT0
N_CPLD_INT1
N_CPLD_INT2
RD/N_WR
N_CS_I2CA
N_CS_I2CB
N_RESET_I2CA
N_RESET_I2CB
N_RESET_FLASH
N_CS_FLASH0
N_RD_CPLD
N_WE0_CPLD
FL_VPP0
N_WAIT
N_SD_INT
N_RESET_SD
N_CS_SD
N_RESETP
N_CS_FLASH1
IC8505
PQ1X331M
BU5V
1 VI
VO 5
3 Vc
GND 2
D3V3
D8301
TL8301
Q8301
VS
Q8302
VS2
IC8302
LHF64FA3
64Mbit_FLASH_MEMORY
VCC 37
WP# 14
VPP 13
BE1# 47
RST# 12
BE0# 26
WE# 11
CE# 28
GND
27,46
SBADD1-22
22
A0-21
25-18,8-1,48,17-15,10-9
SBDAT0-15
16
DQ0-15
29,31,33,35,38,40,42,44,
30,32,34,36,39,41,43,45
N_RESET_FLASH
N_CS_FLASH0
N_WE0_CPLD
N_RD_CPLD
D3V3
IC8305
IXA873WJ(PCA9564)
I2C-bus CONTROLLER
VDD 20
N_RD 12
N_WR 11
N_CE 13
N_RESET 17
N_INT 16
VSS 10
SBDAT0-7
8
1-8 D0-7
SBADD2
15 A1
SBADD1
14 A0
I2CSDA_A
19 SDA
I2CSCL_A
18 SCL
N_RD_CPLD
N_WE0_CPLD
N_CS_I2CA
N_RESET_I2CA
N_INT_I2CA
D3V3
IC8304
IXA873WJ(PCA9564)
I2C-bus CONTROLLER
VDD 20
N_RD 12
N_WR 11
N_CE 13
N_RESET 17
N_INT 16
VSS 10
SBDAT0-7
8
1-8 D0-7
SBADD2
15 A1
SBADD1
14 A0
I2CSDA_B
19 SDA
I2CSCL_B
18 SCL
N_RD_CPLD
N_WE0_CPLD
N_CS_I2CB
N_RESET_I2CB
N_INT_I2CB
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

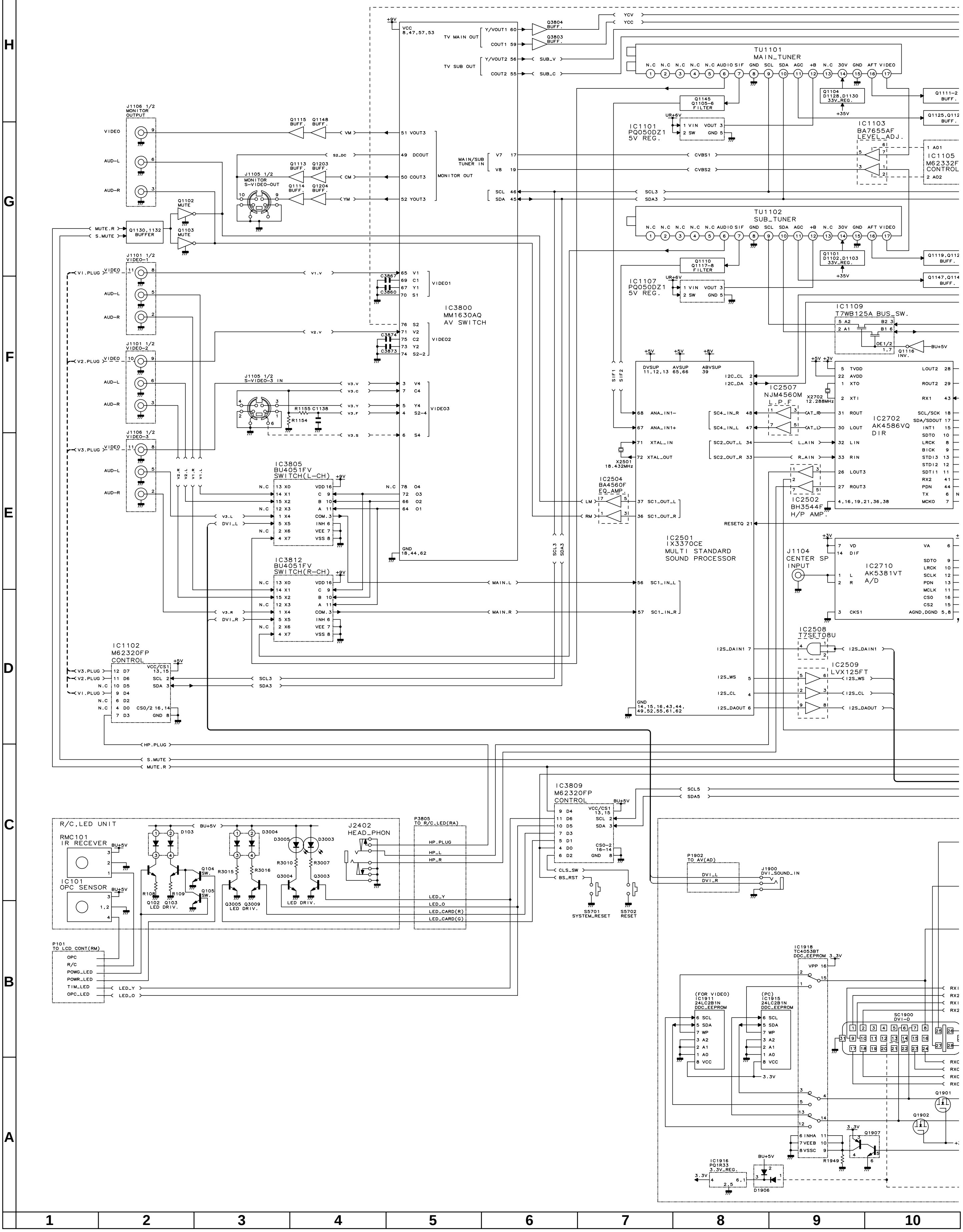

UATXD_A
N_SRESET
UARXD_A
D3V3
IC8505
PQ1X331M
1 VI
VO 5
3 Vc
GND 2
IC3104
UPD4721G
DVI
SC3103
RS-232C
VCC 3
10
11
8
13
GND 19
(RXD)
(TXD)
IC8501
7WH125FU
Y1
A1
Y2
A2
7 Zb
VCC 16
2 10a
6 11b Za 4
5 10b
11a 8
IC8504
MLC157DT
D1V9
VccQ
13,27,39,51,63,
86,95,139,158
Vcc
21,73,117,150
A1-25
46-48,50,52-60,62,
64-70,72,74-76
D0-31
44-40,38,36-28,
26,24-22,20,
18-14,12,10-5
25
32
SBADD1-25
SBDAT0-31
XTAL 131
EXTAL132
X8102
12.288MHz
N_BS
N_CS0
N_CS2
N_CS4
N_CS5
N_CS6
N_CPLD_INT0
N_CPLD_INT1
N_CPLD_INT2
77 N_BS
85 N_CS0
87 N_CS2
89 N_CS4
90 N_CS5
91 N_CS6
151 IRQ0
152 IRQ1
147 N_CTS2/IRQ5
RXD0 145
TXD0 140
RXD2 146
TXD2 142
RXD0
TXD0
RXD2
TXD2
RD/N_WR
N_INT_I2CA
N_INT_I2CB
N_WAIT
N_RD
CKIO
N_CASL
N_RASL
N_CS3
CKE
83
153 IRQ2
154 IRQ3
104 N_WAIT
78 N_RD
138 CKIO
98
96
88 N_CS3
100
IC8101
IXA817WJ
CPU
N_RESETP 165
N_IRQOUT/PTE[7] 136
N_WE3/N_DOMLU 82
N_WE2/N_DOMLL 81
N_WE1/N_DOMLU 80
N_WE0/N_DOMLL 79
N_RESETP
SD_PWR
N_WE3/N_DOMLU
N_WE2/N_DOMLL
N_WE1/N_DOMLU
N_WE0/N_DOMLL
D8102
R8181
R8180
D8101
133
STATUS0/PTE[4]
134
STATUS1/PTE[5]
VssQ 6,25,37,49,61,
84,93,137,156
Vss 19,71,115,130,148
1,14,27 VDD
3,9,43,49 VDDQ
38 CLK
16 WE#
17 CAS#
18 RAS#
19 CS#
37 CKE
IC8301
IXA995WJ
128Mbit_SDRAM
DQML 15
DQMH 39
23-26,29-34,22,35,20-21
A0-11,BA0-1
DQ0-15
14
15
SBADD2-15
SBDAT0-15
6,12,46,52 VSSQ
28,41,54 VSS
2,4-5,7-8,10-11,13,42,
44-45,47-48,50-51,53
IC8303
IXA995WJ
128Mbit_SDRAM
SBDAT16-31
Q8401
SD_D3V3
VDD 3,19,33,43,53,63,84,92
VDDS 9,28,69,78,96
86 XACK
87 XIRQ
91 XRESET
76 XCS
A0-7
77,82,85,88,93-94,97-99
D0-15
68,70,74-75,81,83,89,
95,99,1-2,4,8,10-11,13
8
16
SBADD1-8
SBDAT0-15
CKIO_SDCARD
N_WE0/N_DQMLL
79,6 MCLK,MCLK2
67 XRE
100 XWE
IC8401
TC6384AF
SD_CARD_I/F
SD1DATA3 36
SD1CMD 38
OSDCLK 50
SD1DATA0 45
SD1DATA1 42
SD1DATA2 37
XSD1CD 47
SD1WP 41
SD1DAT3
SD1CMD
OSDCLK
SD1DAT0
SD1DAT1
SD1DAT2
N_SD1CD
SD1WP
VSS
5,15,26,40,48,58,65,80,90
SC8401
SD_CARD_SOCKET
VDD
CD/DATA3(CS)
CMD(DI)
CLK(SCLK)
DAT0(DO)
DAT1(RSV)
DAT2(RSV)
CD
WP
VSS1
VSS2
COMMON
10
11
12
13
14
15
16
17
18
19

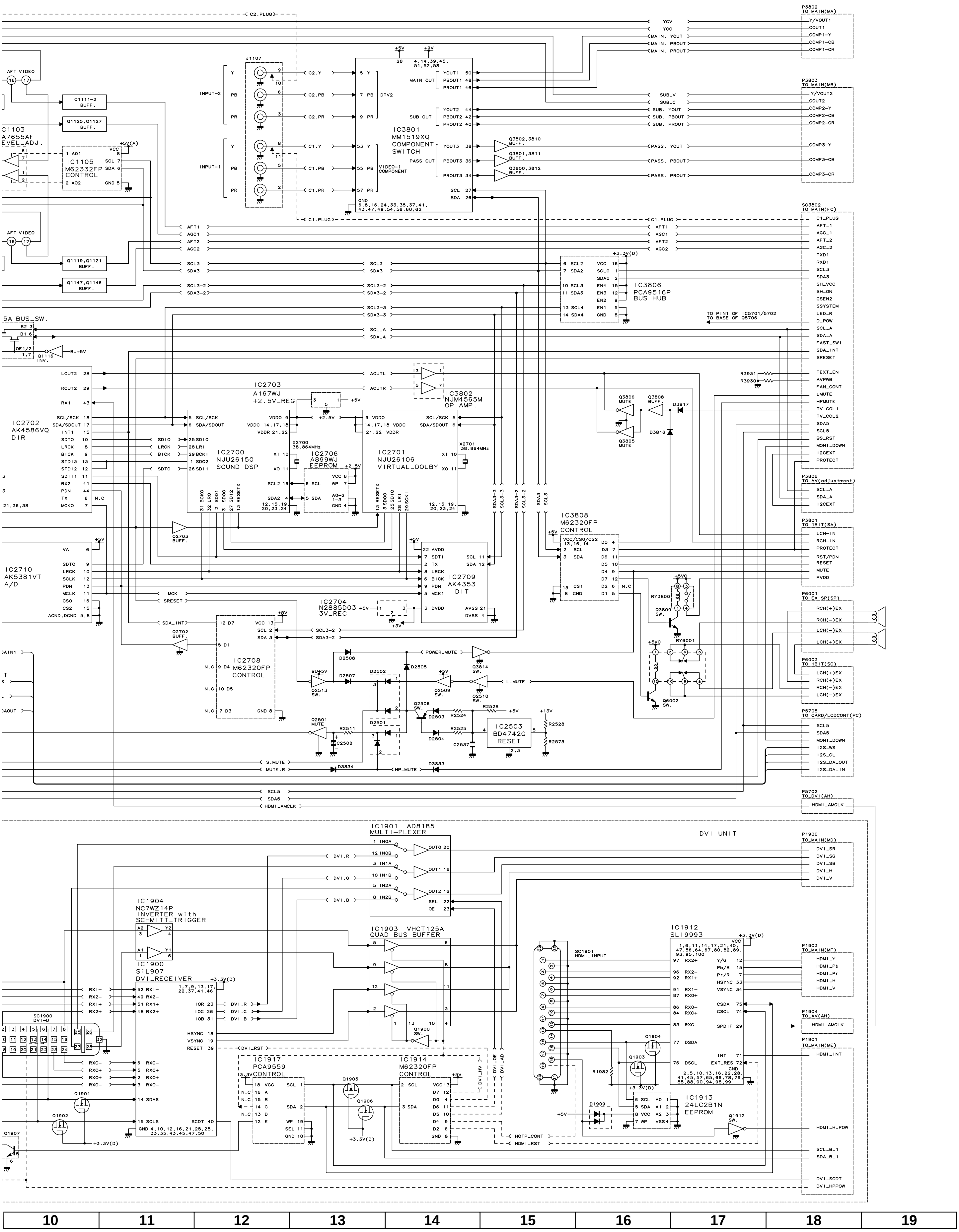
CPU BLOCK DIAGRAM-2/2


(N0546FJ)
:Power
BU5V
10V
D3V3
1.9V
(N0567FJ)
:PC IF to TMDS
D3V3
TXD
RXD
(VHHT
:Th
(MLC157DT,
:SV
IBO_IRQ
N_INT_I2CA
N_INT_I2CB
N_CPLD_INT[0-1]
TXD2
RXD2
(N0060CE)
:DebugPORT
TCK, TMS, N_TRST,
TDI, TDO,N_ASEMDO,
N_ASEBRKAK,N_RESETP
H-UDI
IRQ
UART
12.288MHz
(CA045WJ)
:CLK-Gen
EXTAL
XTAL
PLL
CLOCK/PLL
(A817WJ)
:SH-7706 CPU
Slow Bus
(PST6001M)
:Reset IC
SBADD[0-25],
SBDAT[0-15]
CS[0-1,3-6]
N_RD, N_BS
N_WAIT
N_WE0/N_DQMLL,
N_WE1/N_DQMLU
CKIO
N_WE2/N_DQMUL,
N_WE3/N_DQMUU
CS3
Slow Bus
CKIO
SBADD[1-8,19-25], SBDAT[0-15]
PM_REQ
N_RD, N_BS
N_WE0/N_DQMLL,
N_WE1/N_DQMLU
CS[0,2,4-6]
N_CPLD_INT[0-2]
MAIN_RDY
N_SRESET
N_WAIT
TCK,TDO,TMS,TDI
(N0056CE)
:PROGRAMPORT
SBADD[1-22], SBDAT[0-15]
CKIO
SBADD[2-15], SBDAT[0-15]
SBADD[2-15], SBDAT[16-31]
N_WE0/N_DQMLL,
N_WE1/N_DQMLU
N_CS_FLASH0,
N_CS_FLASH1
N_RESET_FLASH
FL_VPP0
N_RD_CPLD,
N_WE0_CPLD
(LHF64AF3)
:FLASH 8MB
(A985
:SDRA
(A948WJ)
:CPLD
N_RESETP
CBOOT, N_EXT_BOOTS, MAIN_INT[0-1]
N_MAIN_RST
N_MAIN_CE[0-1]
N_CS_I2CA,N_CS_I2CB, N_RESET_I2CA,N_RESET_I2CB
N_RESET_SD,N_CS_SD
N_SD_INT
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

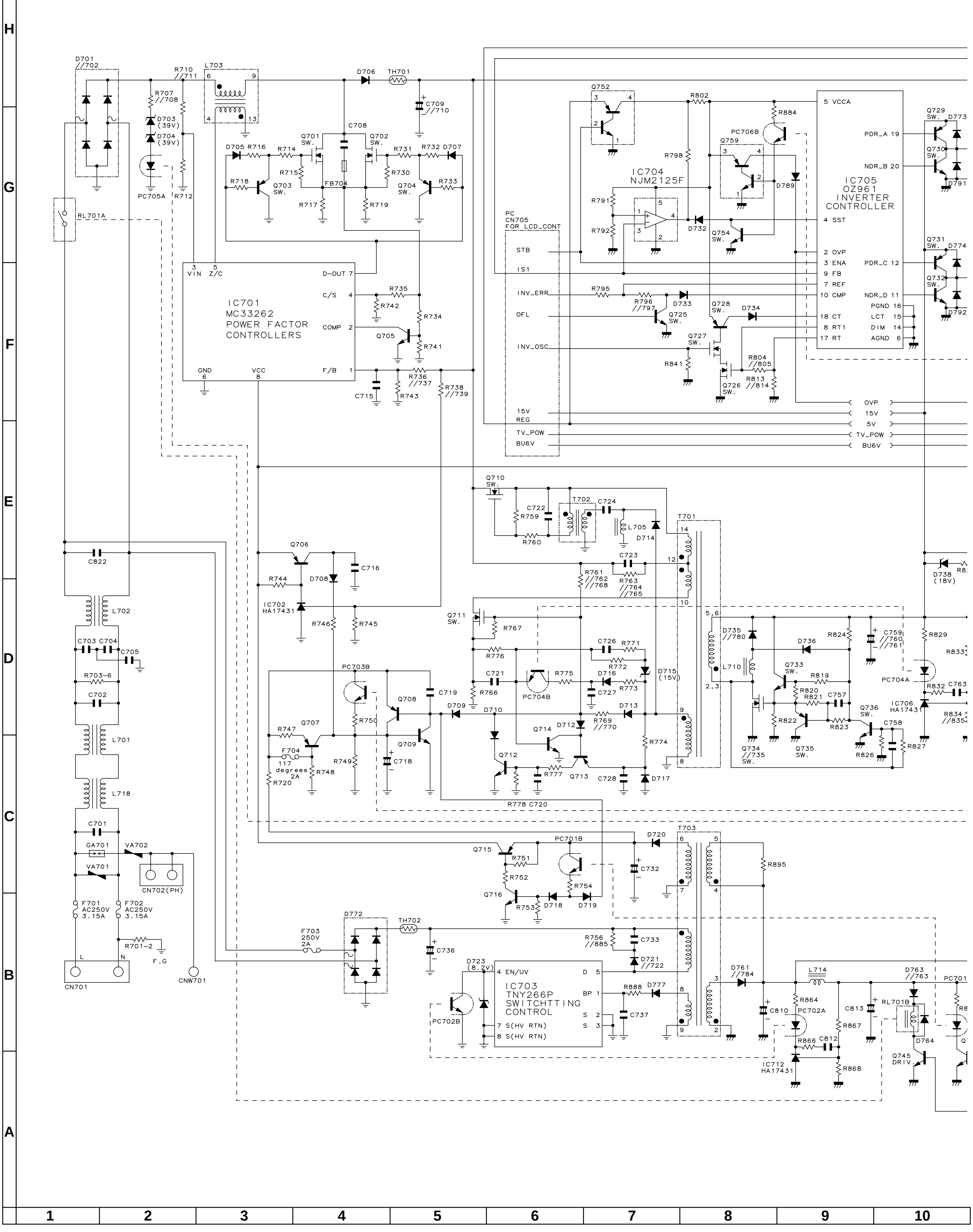

S
(MA159WJ)
:Main Bus IF to Main
(VHHT1103J44-1)
:Thermistor
TMPOUT
RXD
RS_ON
UATXD_A
UARXD_A
SRESET
PM_REQ
I2CSLC0, I2CSDA0
I2CSLC1, I2CSDA1
CBOOT, N_EXT_BOOTS,
MAIN_INT[0-1]
N_MAIN_RST
N_MAIN_CE[0-1]
MAIN_RDY
MAIN_CLK
N_MAIN_OE
N_MAIN_WE[0-1]
SBADD[1-25], SBDAT[0-15]
D3V3
(MLC157DT,7WH126FU)
:SW
RXD2
TXD0
RXD0
I2CSLC0, I2CSDA0
I2CSLC1, I2CSDA1
I2CSLC0, I2CSDA0
UART
I/O (PortA,B)
I2CSLC2, I2CSDA2
SD_PWR
A817WJ)
-7706 CPU
Reset
Slow Bus
N_INT_I2CA,N_INT_I2CB
I2CSLC_A, I2CSDA_A
I2CSLC_B, I2CSDA_B
(BR24L64F)
:E2PROM
(PCA9564)
:Bus to I2C x2
N_WE2/N_DQMUL,
N_WE3/N_DQMUU
CS3
RD/N_WR
N_RASL
N_CASL
CKE
SBADD[1-2],
SBDAT[0-7]
N_RD
N_WE0/N_DQMLL
CKIO
N_RD
N_WE0/N_DQMLL ↔ N_MAIN_WE1
N_WE1/N_DQMLU ↔ N_MAIN_WE0
SBADD[2-15], SBDAT[0-15]
SBADD[2-15], SBDAT[16-31]
N_WE0/N_DQMLL,
N_WE1/N_DQMLU
CKIO
SBADD[1-8], SBDAT[0-15]
N_RD
N_WE0/N_DQMLL
N_WAIT
(A985WJ x2)
:SDRAM 32MB
(TC6384AF)
:SD Card Control IC
CD/DAT3,CMD,CLK,
DAT[0-2],CD,WP
(ZA050WJ)
:SD Card Slot
10
11
12
13
14
15
16
17
18
19

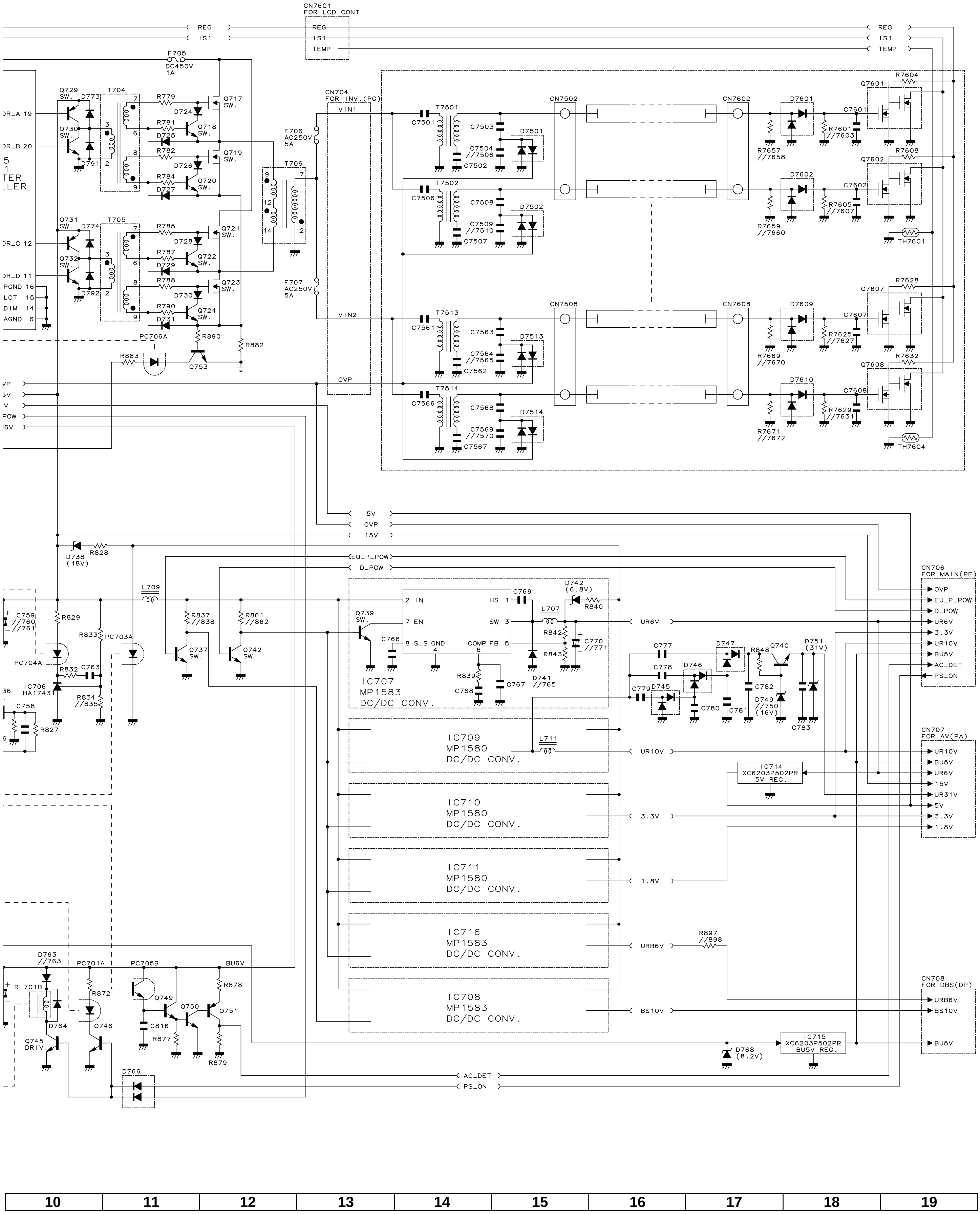
AV BLOCK DIAGRAM


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
TU1101 MAIN_TUNER
TU1102 SUB_TUNER
IC1101 PQ050DZ1 5V REG.
IC1107 PQ050DZ1 5V REG.
IC1103 BA7655AF LEVEL_ADJ.
IC1105 M62332F CONTROL
IC1109 T7WB125A BUS_SW.
IC3800 MM1630AQ AV SWITCH
IC3805 BU4051FV SWITCH(L-CH)
IC3812 BU4051FV SWITCH(R-CH)
IC1102 M62320FP CONTROL
IC2501 IX3370CE MULTI STANDARD SOUND PROCESSOR
IC2507 NJM4560M L.P.F
IC2504 BA4560F EQ_AMP.
IC2502 BH3544F H/P AMP.
IC2702 AK4586VQ DIR
IC2710 AK5381VT A/D
IC2508 TC7SET08U
IC2509 LVX125FT
J1104 CENTER SP INPUT
J1106 1/2 MONITOR OUTPUT
J1105 1/2 MONITOR S-VIDEO-OUT
J1101 1/2 VIDEO-1
J1101 1/2 VIDEO-2
J1106 1/2 VIDEO-3
J1105 1/2 S-VIDEO-3 IN
IC3809 M62320FP CONTROL
R/C, LED UNIT
RMC101 IR RECEVER
IC101 OPC SENSOR
J2402 HEAD_PHON
P3805 TO R/C,LED(RA)
P101 TO LCD CONT(RM)
P1902 TO AV(AD)
J1900 DVI_SOUND_IN
S5701 SYSTEM_RESET
S5702 RESET
IC1918 TC4053BT DDC_EEPROM 3.3V
IC1911 24LC21BN DDC_EEPROM (FOR VIDEO)
IC1915 24LC21BN DDC_EEPROM (PC)
SC1900 DVI-D
IC1916 PQ1R33 3.3V_REG.
D1906
Q1901
Q1902
Q1907
TV MAIN OUT
TV SUB OUT
MONITOR OUT
MAIN/SUB TUNER IN
VIDEO1
VIDEO2
VIDEO3
MUTE.R
S.MUTE
HP.PLUG
SCL3
SDA3
SCL5
SDA5
MAIN.L
MAIN.R
I2S_DAIN1
I2S_WS
I2S_CL
I2S_DAOUT

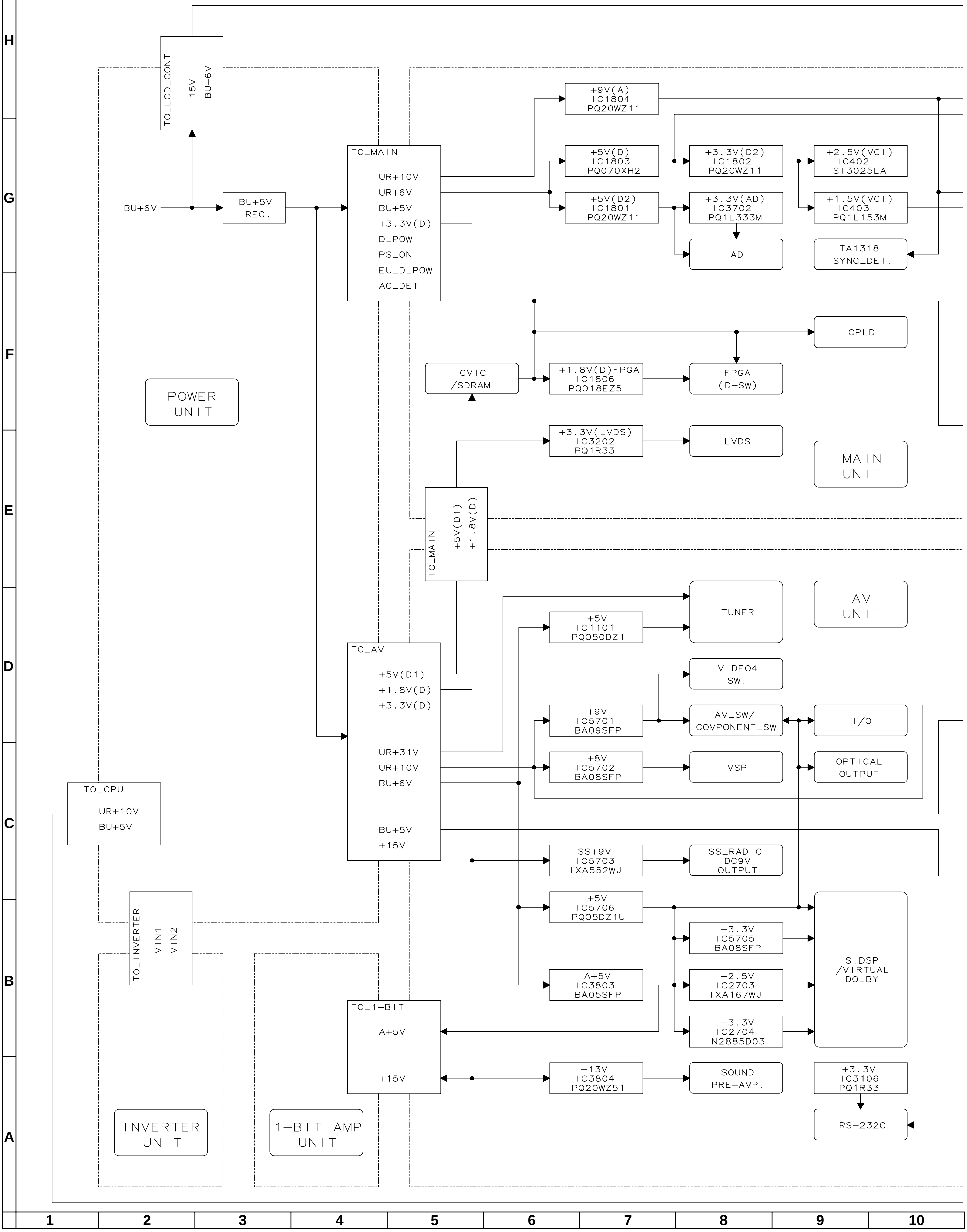

P3802 TO MAIN(MA)
Y/VOUT1
COUT1
COMP1-Y
COMP1-CB
COMP1-CR
P3803 TO MAIN(MB)
Y/VOUT2
COUT2
COMP2-Y
COMP2-CB
COMP2-CR
COMP3-Y
COMP3-CB
COMP3-CR
J1107
INPUT-2
INPUT-1
IC3801
MM1519XQ
COMPONENT SWITCH
Q3802,3810 BUFF.
Q3801,3811 BUFF.
Q3800,3812 BUFF.
IC1103
A7655AF
LEVEL_ADJ.
IC1105
M62332FP
CONTROL
Q1111-2 BUFF.
Q1125,Q1127 BUFF.
Q1119,Q1121 BUFF.
Q1147,Q1146 BUFF.
AFT VIDEO
SC3802 TO MAIN(FC)
IC3806
PCA9516P
BUS HUB
TO PIN1 OF IC5701/5702
TO BASE OF Q5706
5A BUS_SW.
Q1116 INV.
IC2702
AK4586VQ
DIR
IC2703
A167WJ
+2.5V_REG
IC3802
NJM4565M
OP AMP.
IC2700
NJU26150
SOUND DSP
IC2706
A899WJ
EEPROM
IC2701
NJU26106
VIRTUAL_DOLBY
X2700 38.864MHz
X2701 38.864MHz
Q3806 MUTE
Q3808 BUFF.
Q3805 MUTE
D3817
D3816
R3931
R3930
P3806 TO_AV(adjustment)
P3801 TO 1BIT(SA)
IC3808
M62320FP
CONTROL
Q2703 BUFF.
IC2710
AK5381VT
A/D
IC2709
AK4353
DIT
IC2704
N2885D003
3V_REG
RY3800
Q3809 SW.
RY6001
P6001 TO EX SP(SP)
P6003 TO 1BIT(SC)
Q6002 SW.
IC2708
M62320FP
CONTROL
Q2702 BUFF.
Q3814 SW.
Q2513 SW.
Q2509 SW.
Q2510 SW.
Q2506 SW.
Q2501 MUTE
IC2503
BD4742G
RESET
P5705 TO CARD/LCDCONT(PC)
P5702 TO_DVI(AH)
IC1901 AD8185
MULTI-PLEXER
DVI UNIT
P1900 TO_MAIN(MD)
IC1904
NC7WZ14P
INVERTER with SCHMITT_TRIGGER
IC1903 VHCT125A
QUAD BUS BUFFER
IC1912
SiI9993
SC1901 HDMI_INPUT
P1903 TO_MAIN(MF)
IC1900
SiL907
DVI_RECEIVER
SC1900 DVI-D
P1904 TO_AV(AH)
P1901 TO_MAIN(ME)
IC1917
PCA9559
CONTROL
IC1914
M62320FP
CONTROL
Q1905
Q1906
Q1901
Q1902
Q1907
Q1904
Q1903
R1982
D1909
IC1913
24LC2B1N
EEPROM
Q1912 SW.
10
11
12
13
14
15
16
17
18
19

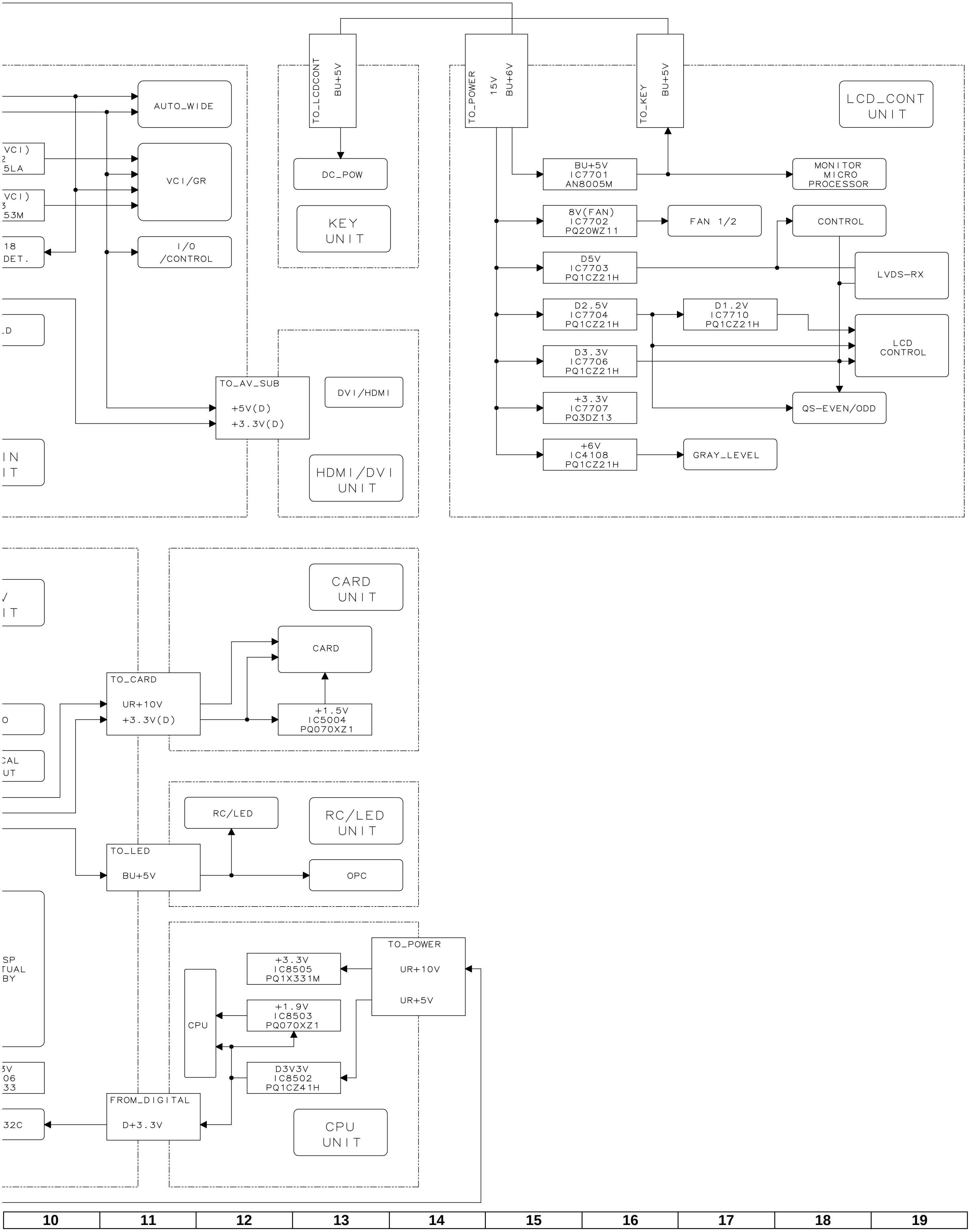
POWER BLOCK DIAGRAM-1/2


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
D701
//702
R710
//711
L703
6
9
4
13
R707
//708
D703
(39V)
D704
(39V)
PC705A
R712
RL701A
D706
TH701
C709
//710
C708
D705
R716
R714
R715
Q701
SW.
Q702
SW.
R731
R732
D707
R730
FB704
R718
Q703
SW.
Q704
SW.
R733
R717
R719
3
VIN
5
Z/C
IC701
MC33262
POWER FACTOR
CONTROLLERS
D-OUT 7
C/S 4
COMP 2
F/B 1
GND
6
VCC
8
R735
R742
R734
Q705
R741
R736
//737
R738
//739
C715
R743
Q752
3
4
2
1
R802
R884
5 VCCA
PC706B
Q759
R798
IC704
NJM2125F
R791
R792
D732
Q754
SW.
D789
IC705
OZ961
INVERTER
CONTROLLER
4 SST
PC
CN705
FOR LCD_CONT
STB
IS1
INV_ERR
OFL
INV_OSC
15V
REG
TV_POW
BU6V
R795
R796
//797
D733
Q725
SW.
Q728
SW.
D734
Q727
SW.
R841
R804
//805
R813
//814
Q726
SW.
2 OVP
3 ENA
9 FB
7 REF
10 CMP
18 CT
8 RT1
17 RT
PDR_A 19
NDR_B 20
PDR_C 12
NDR_D 11
PGND 16
LCT 15
DIM 14
AGND 6
Q729
SW.
D773
Q730
SW.
D791
Q731
SW.
D774
Q732
SW.
D792
OVP
15V
5V
TV_POW
BU6V
Q710
SW.
C722
R759
R760
T702
C724
L705
D714
T701
14
12
10
C723
R761
//762
//768
R763
//764
//765
Q706
C716
R744
D708
IC702
HA17431
R746
R745
Q711
SW.
R767
R776
C726
R771
R772
C721
R775
D716
D715
(15V)
R766
PC704B
C727
R773
PC703B
C719
Q708
D709
D710
D713
R747
Q707
R750
Q709
Q714
D712
R769
//770
R774
9
8
F704
117
degrees
2A
R748
R749
C718
Q712
R777
Q713
C728
D717
R720
R778 C720
5,6
2,3
D735
//780
L710
D736
R824
C759
//760
//761
R829
R833
Q733
SW.
R819
R820
R821
C757
PC704A
R832
C763
IC706
HA17431
R834
//835
R822
Q736
SW.
C758
R823
Q734
//735
SW.
Q735
SW.
R826
R827
D738
(18V)
C822
L702
C703
C704
C705
R703-6
C702
L701
L718
C701
GA701
VA702
VA701
CN702(PH)
F701
AC250V
3.15A
F702
AC250V
3.15A
R701-2
F.G
L
N
CN701
CNW701
F703
250V
2A
D772
TH702
C736
Q715
PC701B
R751
R752
R754
Q716
R753
D718
D719
D720
C732
T703
6
5
7
4
R895
R756
//885
C733
D721
//722
D723
(8.2V)
4 EN/UV
D 5
IC703
TNY266P
SWITCHTTING
CONTROL
BP 1
7 S(HV RTN)
8 S(HV RTN)
S 2
S 3
R888
D777
C737
PC702B
3
2
D761
//784
L714
D763
//763
PC701
C810
R864
PC702A
C813
RL701B
R867
R866
C812
D764
Q745
DRIV
IC712
HA17431
R868


CN7601
FOR LCD CONT
REG
IS1
TEMP
F705
DC450V
1A
CN704
FOR INV.(PG)
VIN1
VIN2
OVP
F706
AC250V
5A
F707
AC250V
5A
T704
T705
T706
T7501
T7502
T7513
T7514
CN7502
CN7508
CN7602
CN7608
D7501
D7502
D7513
D7514
D7601
D7602
D7609
D7610
Q7601
Q7602
Q7607
Q7608
R7604
R7608
R7628
R7632
TH7601
TH7604
Q717 SW.
Q718 SW.
Q719 SW.
Q720 SW.
Q721 SW.
Q722 SW.
Q723 SW.
Q724 SW.
Q729 SW.
Q730 SW.
Q731 SW.
Q732 SW.
PC706A
Q753
R882
R883
R890
5V
OVP
15V
EU_P_POW
D_POW
D738 (18V)
R828
L709
PC704A
PC703A
IC706 HA17431
Q737 SW.
Q742 SW.
Q739 SW.
IC707
MP1583
DC/DC CONV.
2 IN
7 EN
8 S.S GND
HS
SW
COMP FB
L707
D742 (6.8V)
R840
R842
R843
C770 //771
D741 //765
UR6V
C777
C778
C779
D745
D746
D747
R848
Q740
D751 (31V)
D749 //750 (16V)
C783
IC709
MP1580
DC/DC CONV.
L711
UR10V
IC710
MP1580
DC/DC CONV.
3.3V
IC711
MP1580
DC/DC CONV.
1.8V
IC716
MP1583
DC/DC CONV.
URB6V
R897 //898
IC708
MP1583
DC/DC CONV.
BS10V
IC714
XC6203P502PR
5V REG.
IC715
XC6203P502PR
BU5V REG.
D768 (8.2V)
CN706
FOR MAIN(PE)
OVP
EU_P_POW
D_POW
UR6V
3.3V
UR10V
BU5V
AC_DET
PS_ON
CN707
FOR AV(PA)
UR10V
BU5V
UR6V
15V
UR31V
5V
3.3V
1.8V
CN708
FOR DBS(DP)
URB6V
BS10V
BU5V
D763 //763
RL701B
PC701A
PC705B
BU6V
Q745 DRIV.
Q746
Q749
Q750
Q751
R872
R877
R878
R879
C816
D764
D766
AC_DET
PS_ON
10
11
12
13
14
15
16
17
18
19

POWER BLOCK DIAGRAM-2/2


H
G
F
E
D
C
B
A
TO_LCD_CONT
15V
BU+6V
BU+6V
BU+5V REG.
TO_MAIN
UR+10V
UR+6V
BU+5V
+3.3V(D)
D_POW
PS_ON
EU_D_POW
AC_DET
+9V(A) IC1804 PQ20WZ11
+5V(D) IC1803 PQ070XH2
+3.3V(D2) IC1802 PQ20WZ11
+2.5V(VCI) IC402 SI3025LA
+5V(D2) IC1801 PQ20WZ11
+3.3V(AD) IC3702 PQ1L333M
+1.5V(VCI) IC403 PQ1L153M
AD
TA1318 SYNC_DET.
CPLD
CVIC /SDRAM
+1.8V(D)FPGA IC1806 PQ018EZ5
FPGA (D-SW)
POWER UNIT
+3.3V(LVDS) IC3202 PQ1R33
LVDS
MAIN UNIT
TO_MAIN
+5V(D1)
+1.8V(D)
TUNER
AV UNIT
+5V IC1101 PQ050DZ1
TO_AV
+5V(D1)
+1.8V(D)
+3.3V(D)
UR+31V
UR+10V
BU+6V
BU+5V
+15V
VIDEO4 SW.
+9V IC5701 BA09SFP
AV_SW/ COMPONENT_SW
I/O
+8V IC5702 BA08SFP
MSP
OPTICAL OUTPUT
TO_CPU
UR+10V
BU+5V
SS+9V IC5703 IXA552WJ
SS_RADIO DC9V OUTPUT
+5V IC5706 PQ05DZ1U
TO_INVERTER
VIN1
VIN2
+3.3V IC5705 BA08SFP
S.DSP /VIRTUAL DOLBY
A+5V IC3803 BA05SFP
+2.5V IC2703 IXA167WJ
TO_1-BIT
A+5V
+15V
+3.3V IC2704 N2885D03
+13V IC3804 PQ20WZ51
SOUND PRE-AMP.
+3.3V IC3106 PQ1R33
RS-232C
INVERTER UNIT
1-BIT AMP UNIT
1
2
3
4
5
6
7
8
9
10


AUTO_WIDE
VCI)
2
5LA
VCI)
3
53M
VCI/GR
18
DET.
I/O
/CONTROL
.D
TO_AV_SUB
+5V(D)
+3.3V(D)
IN
IT
TO_LCDCONT
BU+5V
DC_POW
KEY
UNIT
DVI/HDMI
HDMI/DVI
UNIT
TO_POWER
15V
BU+6V
TO_KEY
BU+5V
LCD_CONT
UNIT
BU+5V
IC7701
AN8005M
MONITOR
MICRO
PROCESSOR
8V(FAN)
IC7702
PQ20WZ11
FAN 1/2
CONTROL
D5V
IC7703
PQ1CZ21H
LVDS-RX
D2.5V
IC7704
PQ1CZ21H
D1.2V
IC7710
PQ1CZ21H
LCD
CONTROL
D3.3V
IC7706
PQ1CZ21H
+3.3V
IC7707
PQ3DZ13
QS-EVEN/ODD
+6V
IC4108
PQ1CZ21H
GRAY_LEVEL
V
IT
CARD
UNIT
CARD
TO_CARD
UR+10V
+3.3V(D)
+1.5V
IC5004
PQ070XZ1
O
CAL
UT
RC/LED
RC/LED
UNIT
TO_LED
BU+5V
OPC
SP
TUAL
BY
TO_POWER
UR+10V
UR+5V
+3.3V
IC8505
PQ1X331M
CPU
+1.9V
IC8503
PQ070XZ1
D3V3V
IC8502
PQ1CZ41H
3V
06
33
FROM_DIGITAL
D+3.3V
32C
CPU
UNIT
10
11
12
13
14
15
16
17
18
19

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured on exclusive AC adapter or the stable supply voltage of AC 110-240V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted.
   (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted.
   (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/16W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.
   Ⓒ: Solid
   Ⓢ: Oxide Film
   Ⓝ: Metal Coating
   ⓦ: Cement
   Ⓣ: Special

CAPACITOR

1. All capacitors are µF, unless otherwise noted.
   (P=pF=µµF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.
   (ML): Mylar
   (PF): Polypro Film
   (TA): Tantalum
   (ST): Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

IMPORTANT SAFETY NOTICE:

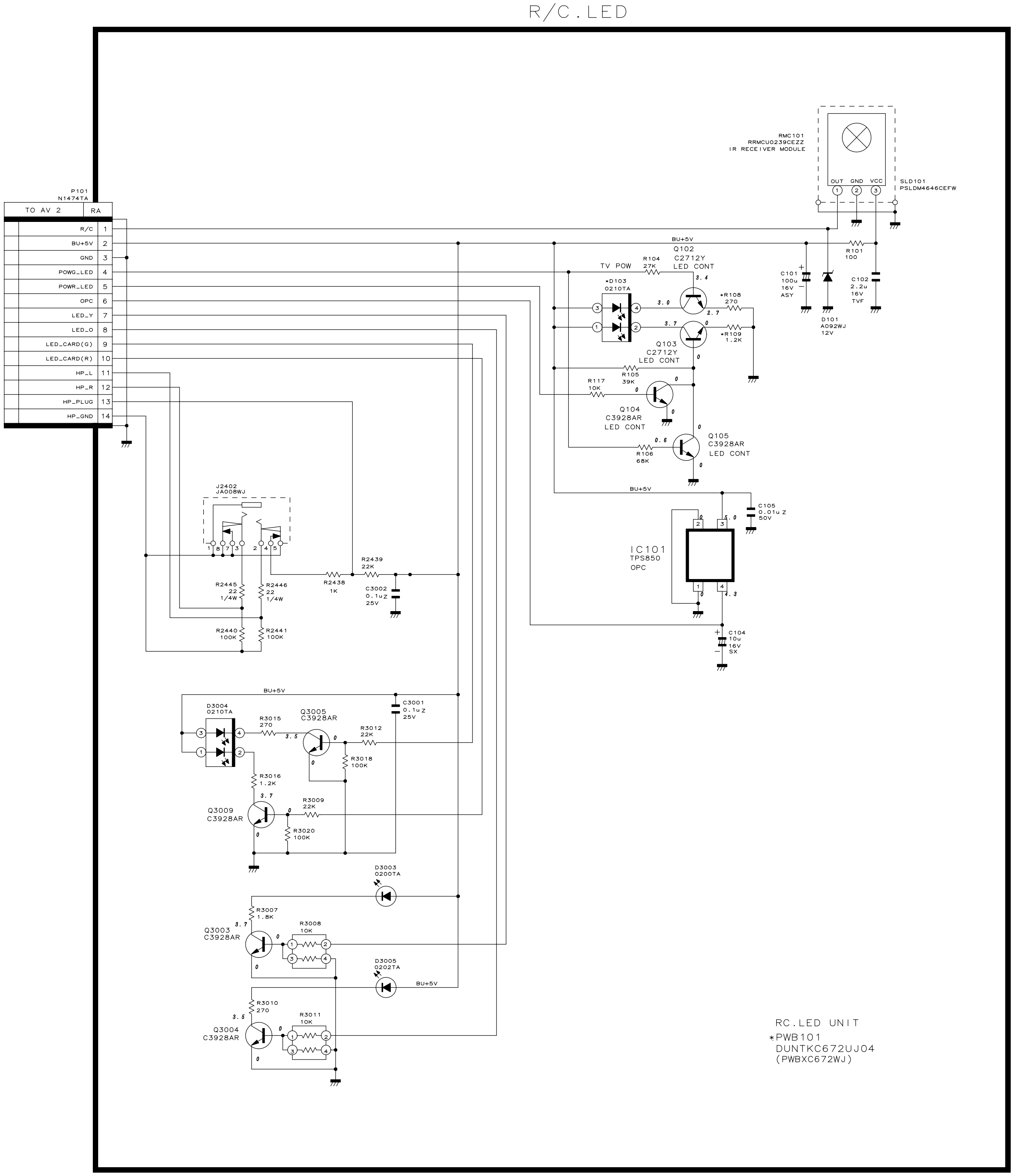
PARTS MARKED WITH "⚠" (▨) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

AVIS DE SECURITE IMPORTANT:

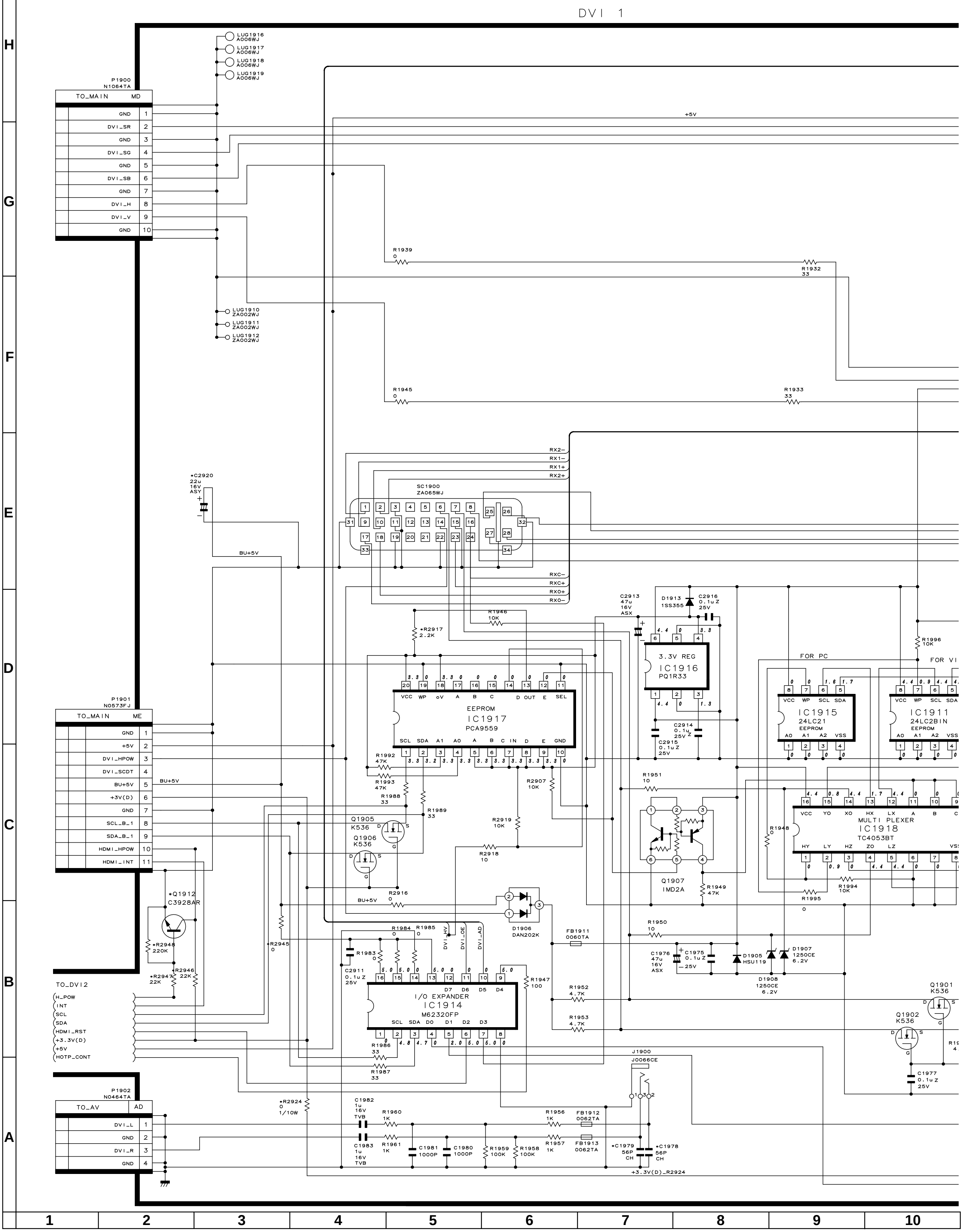
LES PIECES MARQUEES "⚠" (▨)SONT IMPORTANTES POUR MAINTENIR LA SECURITE DE L'APPAREIL.
NE REMPLACER CES PIEDES QUE PAR DES PIECES DONT LE NUMERO EST SPECIFIE POUR MAINTENIR LA SECURITE ET PROTEGER LE BON FONCTIONNEMENT DE L'APPAREIL.

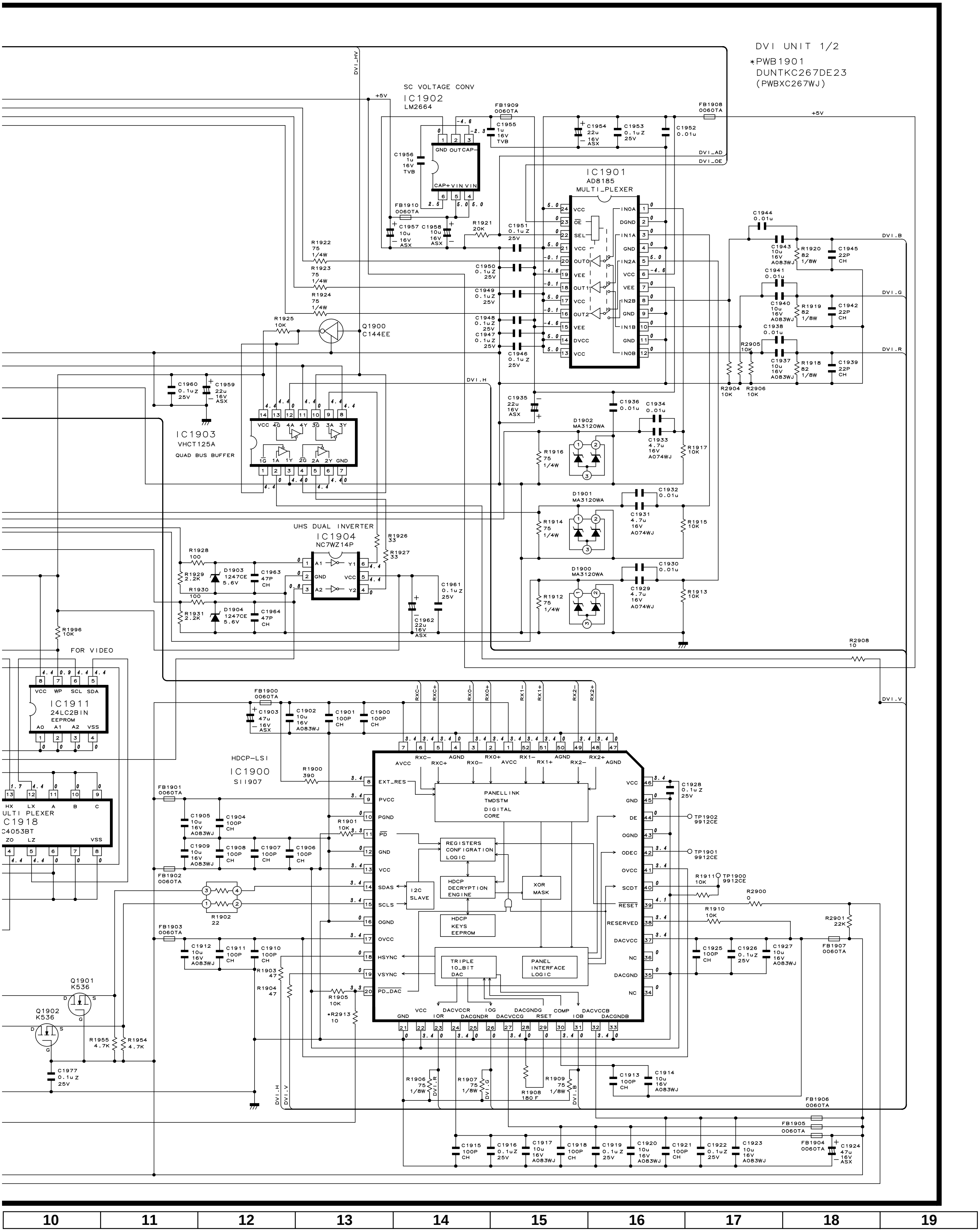
SCHEMATIC DIAGRAM

■ R/C, LED Unit

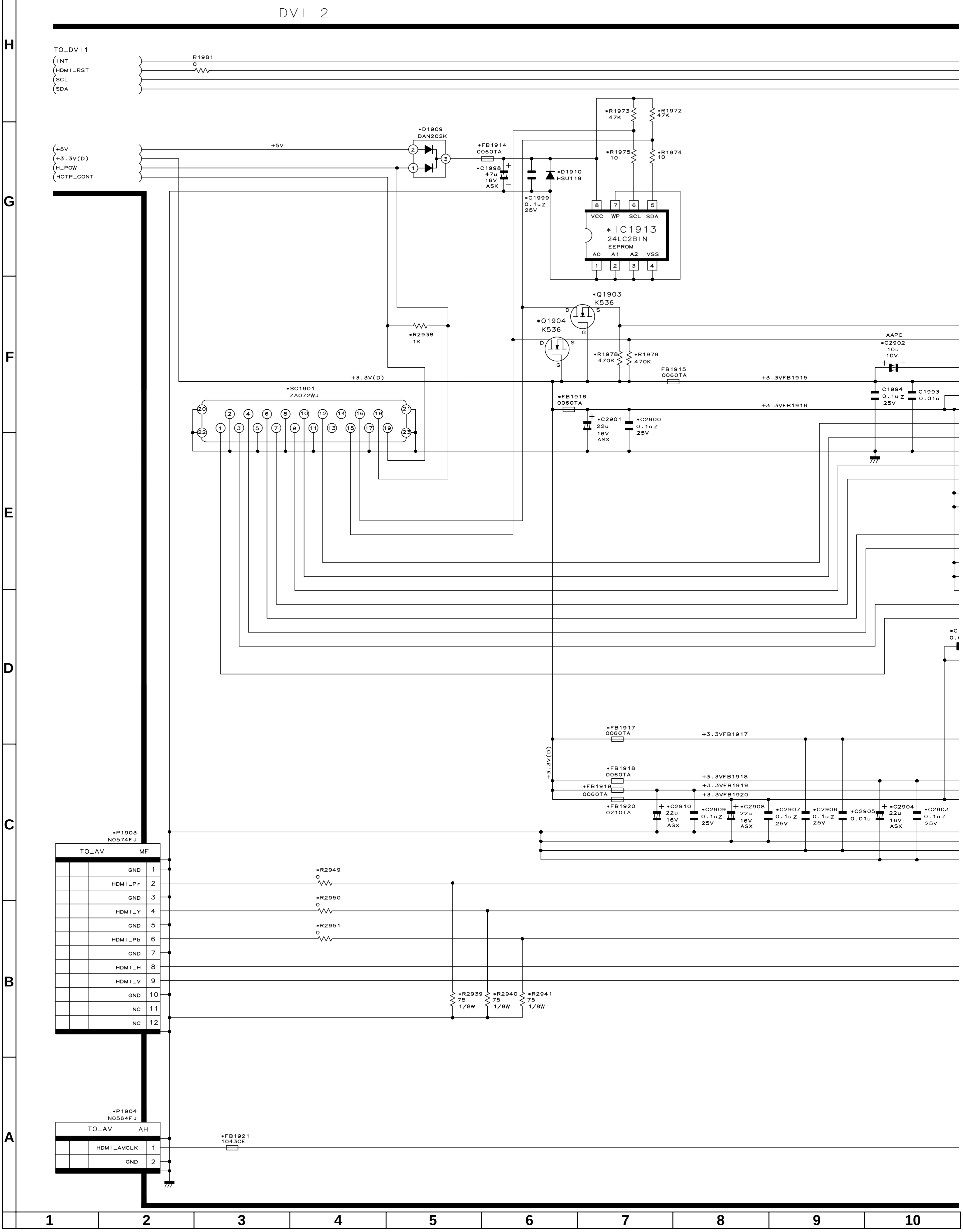

R/C.LED
P101
N1474TA
TO AV 2
RA
R/C 1
BU+5V 2
GND 3
POWG_LED 4
POWR_LED 5
OPC 6
LED_Y 7
LED_O 8
LED_CARD(G) 9
LED_CARD(R) 10
HP_L 11
HP_R 12
HP_PLUG 13
HP_GND 14
RMC101
RRMCU0239CEZZ
IR RECEIVER MODULE
OUT GND VCC
SLD101
PSLDM4646CEFW
BU+5V
R101
100
C101
100u
16V
ASY
D101
A092WJ
12V
C102
2.2u
16V
TVF
TV POW
R104
27K
Q102
C2712Y
LED CONT
3.4
*D103
0210TA
3.0
2.7
*R108
270
3.7
*R109
1.2K
Q103
C2712Y
LED CONT
R105
39K
R117
10K
Q104
C3928AR
LED CONT
0.6
R106
68K
Q105
C3928AR
LED CONT
BU+5V
C105
0.01u Z
50V
5.0
IC101
TPS850
OPC
4.3
C104
10u
16V
SX
J2402
JA008WJ
R2439
22K
R2438
1K
C3002
0.1uZ
25V
R2445
22
1/4W
R2446
22
1/4W
R2440
100K
R2441
100K
BU+5V
D3004
0210TA
R3015
270
Q3005
C3928AR
3.5
C3001
0.1uZ
25V
R3012
22K
R3018
100K
R3016
1.2K
Q3009
C3928AR
R3009
22K
R3020
100K
D3003
0200TA
R3007
1.8K
Q3003
C3928AR
R3008
10K
D3005
0202TA
BU+5V
R3010
270
Q3004
C3928AR
R3011
10K
RC.LED UNIT
*PWB101
DUNTKC672UJ04
(PWBXC672WJ)
H
G
F
E
D
C
B
A
1
2
3
4
5
6

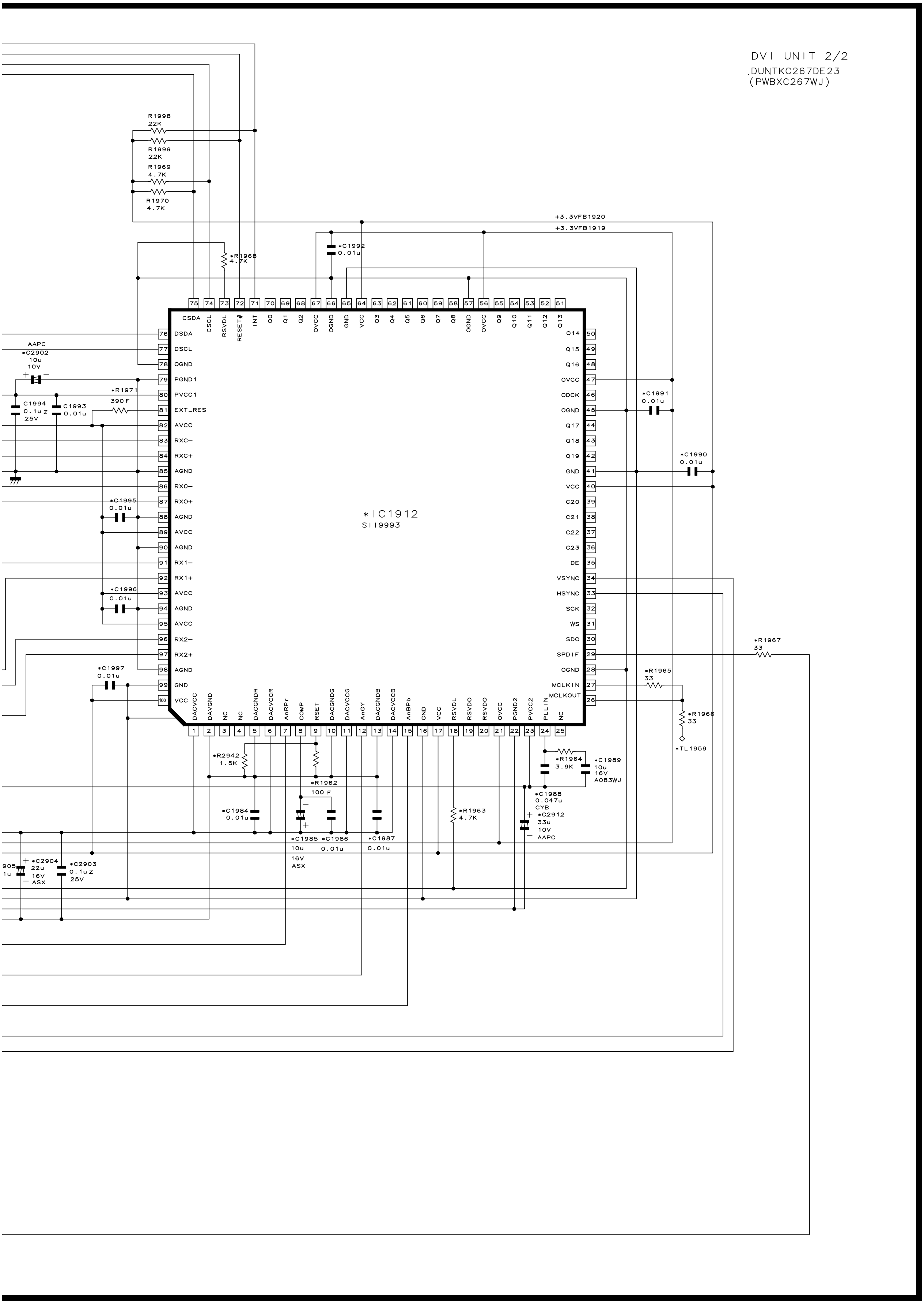
■ DVI Unit-1/2


DVI 1
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
P1900 N1064TA
TO_MAIN MD
GND 1
DVI_SR 2
GND 3
DVI_SG 4
GND 5
DVI_SB 6
GND 7
DVI_H 8
DVI_V 9
GND 10
LUG1916 A006WJ
LUG1917 A006WJ
LUG1918 A006WJ
LUG1919 A006WJ
LUG1910 ZA002WJ
LUG1911 ZA002WJ
LUG1912 ZA002WJ
+5V
R1939 0
R1932 33
R1945 0
R1933 33
RX2−
RX1−
RX1+
RX2+
SC1900 ZA065WJ
*C2920 22u 16V ASY
BU+5V
RXC−
RXC+
RX0+
RX0−
C2913 47u 16V ASX
D1913 1SS355
C2916 0.1u Z 25V
R1946 10K
*R2917 2.2K
3.3V REG
IC1916
PQ1R33
C2914 0.1u Z 25V
C2915 0.1u Z 25V
EEPROM
IC1917
PCA9559
VCC WP oV A B C D OUT E SEL
SCL SDA A1 A0 A B C IN D E GND
FOR PC
FOR VI
IC1915
24LC21
EEPROM
IC1911
24LC21BIN
EEPROM
VCC WP SCL SDA
A0 A1 A2 VSS
R1996 10K
P1901 N0573FJ
TO_MAIN ME
GND 1
+5V 2
DVI_HPOW 3
DVI_SCDT 4
BU+5V 5
+3V(D) 6
GND 7
SCL_B_1 8
SDA_B_1 9
HDMI_HPOW 10
HDMI_INT 11
R1992 47K
R1993 47K
R1988 33
R1989 33
R2907 10K
R2919 10K
R2918 10
Q1905 K536
Q1906 K536
R1951 10
Q1907 IMD2A
R1949 47K
MULTI PLEXER
IC1918
TC4053BT
VCC Y0 X0 HX LX A B C
HY LY HZ Z0 LZ VSS
R1948 0
R1994 10K
R1995 0
*Q1912 C3928AR
*R2948 220K
*R2947 22K
*R2946 22K
*R2945 0
R2916 0
BU+5V
D1906 DAN202K
FB1911 0060TA
R1950 10
C1976 47u 16V ASX
C1975 0.1u Z 25V
D1905 HSU119
D1908 1250CE 6.2V
D1907 1250CE 6.2V
Q1901 K536
Q1902 K536
TO_DVI2
H_POW
INT
SCL
SDA
HDMI_RST
+3.3V(D)
+5V
HOTP_CONT
R1984 0
R1985 0
R1983 0
DVI_HV
DVI_OE
DVI_AD
C2911 0.1u Z 25V
I/O EXPANDER
IC1914
M62320FP
D7 D6 D5 D4
SCL SDA D0 D1 D2 D3
R1947 100
R1952 4.7K
R1953 4.7K
R1986 33
R1987 33
J1900 J0066CE
C1977 0.1u Z 25V
P1902 N0464TA
TO_AV AD
DVI_L 1
GND 2
DVI_R 3
GND 4
*R2924 0 1/10W
C1982 1u 16V TVB
C1983 1u 16V TVB
R1960 1K
R1961 1K
C1981 1000P
C1980 1000P
R1959 100K
R1958 100K
R1956 1K
R1957 1K
FB1912 0062TA
FB1913 0062TA
*C1979 56P CH
*C1978 56P CH
+3.3V(D)_R2924

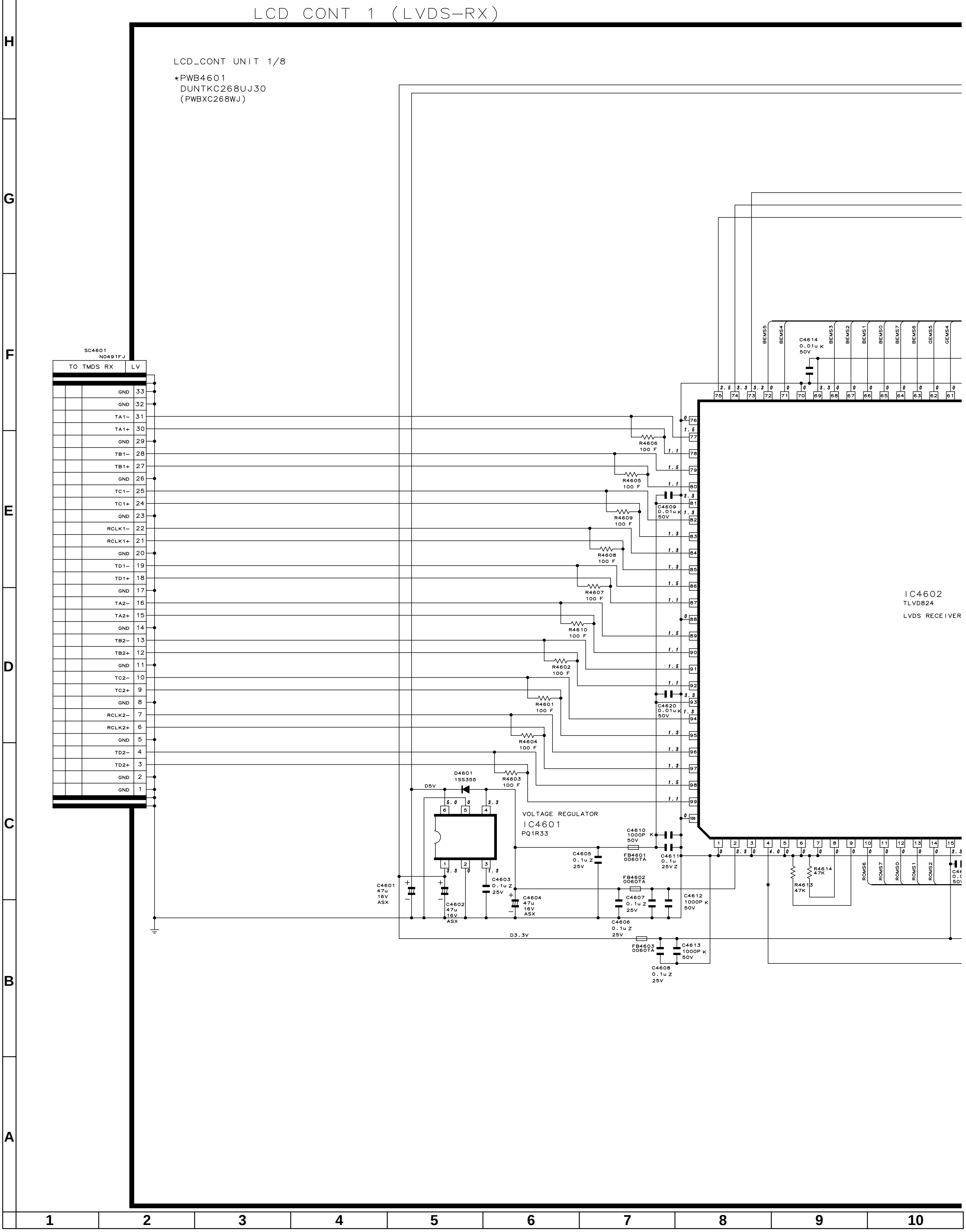

DVI UNIT 1/2
*PWB1901
DUNTKC267DE23
(PWBXC267WJ)
SC VOLTAGE CONV
IC1902
LM2664
IC1901
AD8185
MULTI_PLEXER
IC1903
VHCT125A
QUAD BUS BUFFER
UHS DUAL INVERTER
IC1904
NC7WZ14P
Q1900
C144EE
FOR VIDEO
IC1911
24LC2BIN
EEPROM
MULTI PLEXER
IC1918
TC4053BT
HDCP-LSI
IC1900
SII907
PANELLINK
TMDSTM
DIGITAL
CORE
REGISTERS
CONFIGRATION
LOGIC
HDCP
DECRYPTION
ENGINE
XOR
MASK
I2C
SLAVE
HDCP
KEYS
EEPROM
TRIPLE
10_BIT
DAC
PANEL
INTERFACE
LOGIC
D1900 MA3120WA
D1901 MA3120WA
D1902 MA3120WA
Q1901 K536
Q1902 K536
TP1900 9912CE
TP1901 9912CE
TP1902 9912CE
DVI_HV
DVI_AD
DVI_OE
DVI.H
DVI.V
DVI.B
DVI.G
DVI.R
DVI_R
DVI_G
DVI_B
+5V
RXC- RXC+ RX0- RX0+ RX1- RX1+ RX2- RX2+
10
11
12
13
14
15
16
17
18
19

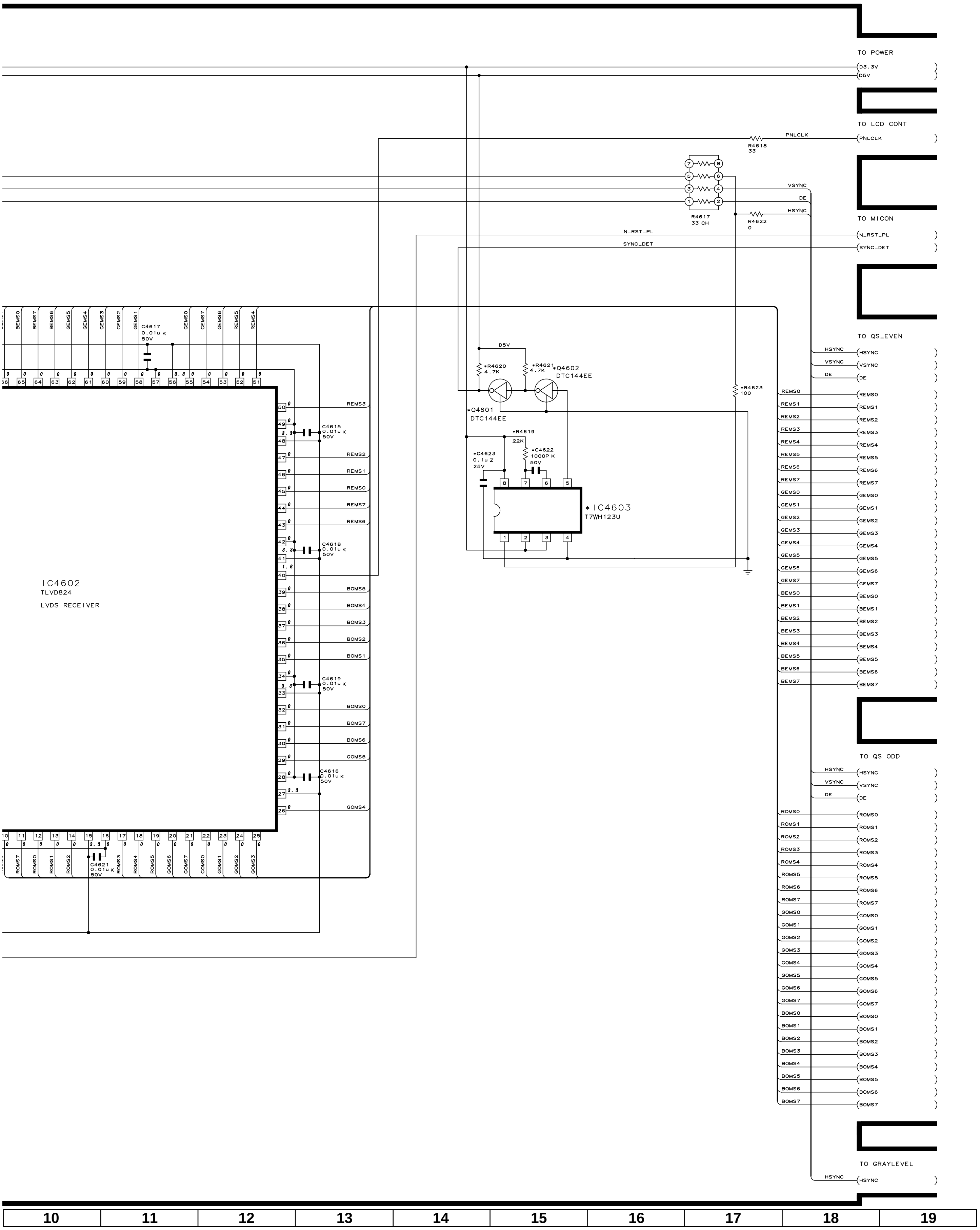
■ DVI Unit-2/2


DVI 2
TO_DVI1
INT
HDMI_RST
SCL
SDA
R1981
0
+5V
+3.3V(D)
H_POW
HOTP_CONT
*D1909
DAN202K
*FB1914
0060TA
*C1998
47u
16V
ASX
*C1999
0.1uZ
25V
*D1910
HSU119
*R1973
47K
*R1972
47K
*R1975
10
*R1974
10
VCC
WP
SCL
SDA
*IC1913
24LC2BIN
EEPROM
A0
A1
A2
VSS
*Q1903
K536
*Q1904
K536
*R2938
1K
*R1978
470K
*R1979
470K
FB1915
0060TA
+3.3VFB1915
+3.3V(D)
*SC1901
ZA072WJ
*FB1916
0060TA
+3.3VFB1916
*C2901
22u
16V
ASX
*C2900
0.1uZ
25V
AAPC
*C2902
10u
10V
C1994
0.1uZ
25V
C1993
0.01u
*FB1917
0060TA
+3.3VFB1917
*FB1918
0060TA
+3.3VFB1918
*FB1919
0060TA
+3.3VFB1919
*FB1920
0210TA
+3.3VFB1920
*C2910
22u
16V
ASX
*C2909
0.1uZ
25V
*C2908
22u
16V
ASX
*C2907
0.1uZ
25V
*C2906
0.1uZ
25V
*C2905
0.01u
*C2904
22u
16V
ASX
*C2903
0.1uZ
25V
*P1903
N0574FJ
TO_AV
MF
GND
HDMI_Pr
GND
HDMI_Y
GND
HDMI_Pb
GND
HDMI_H
HDMI_V
GND
NC
NC
*R2949
0
*R2950
0
*R2951
0
*R2939
75
1/8W
*R2940
75
1/8W
*R2941
75
1/8W
*P1904
N0564FJ
TO_AV
AH
HDMI_AMCLK
GND
*FB1921
1043CE
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

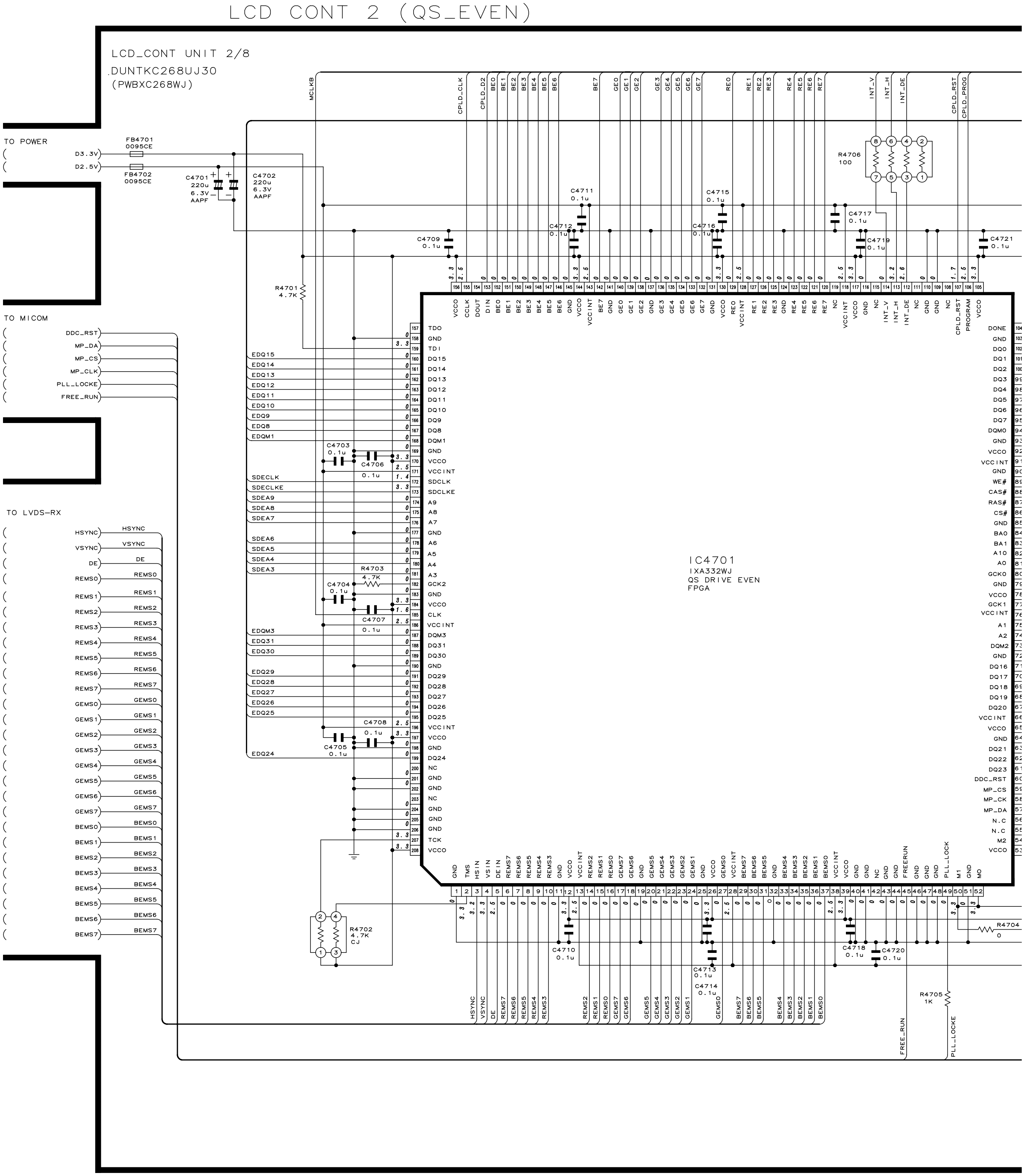

DVI UNIT 2/2
DUNTKC267DE23
(PWBXC267WJ)
R1998 22K
R1999 22K
R1969 4.7K
R1970 4.7K
*R1968 4.7K
*C1992 0.01u
+3.3VFB1920
+3.3VFB1919
*IC1912
SII9993
CSDA
CSCL
RSVDL
RESET#
INT
Q0
Q1
Q2
OVCC
OGND
GND
VCC
Q3
Q4
Q5
Q6
Q7
Q8
OGND
OVCC
Q9
Q10
Q11
Q12
Q13
DSDA
DSCL
OGND
PGND1
PVCC1
EXT_RES
AVCC
RXC−
RXC+
AGND
RX0−
RX0+
AGND
AVCC
AGND
RX1−
RX1+
AVCC
AGND
AVCC
RX2−
RX2+
AGND
GND
VCC
Q14
Q15
Q16
OVCC
ODCK
OGND
Q17
Q18
Q19
GND
VCC
C20
C21
C22
C23
DE
VSYNC
HSYNC
SCK
WS
SDO
SPDIF
OGND
MCLKIN
MCLKOUT
DACVCC
DAVGND
NC
NC
DACGNDR
DACVCCR
AnRPr
COMP
RSET
DACGNDG
DACVCCG
AnGY
DACGNDB
DACVCCB
AnBPb
GND
VCC
RSVDL
RSVDO
RSVDO
OVCC
PGND2
PVCC2
PLLIN
NC
AAPC
*C2902 10u 10V
C1994 0.1u Z 25V
C1993 0.01u
*R1971 390 F
*C1995 0.01u
*C1996 0.01u
*C1997 0.01u
*C1991 0.01u
*C1990 0.01u
*R1967 33
*R1965 33
*R1966 33
*TL1959
*R2942 1.5K
*R1962 100 F
*C1984 0.01u
*C1985 10u 16V ASX
*C1986 0.01u
*C1987 0.01u
*R1963 4.7K
*R1964 3.9K
*C1989 10u 16V A083WJ
*C1988 0.047u CYB
*C2912 33u 10V AAPC
*C2904 22u 16V ASX
*C2903 0.1u Z 25V
905
1u

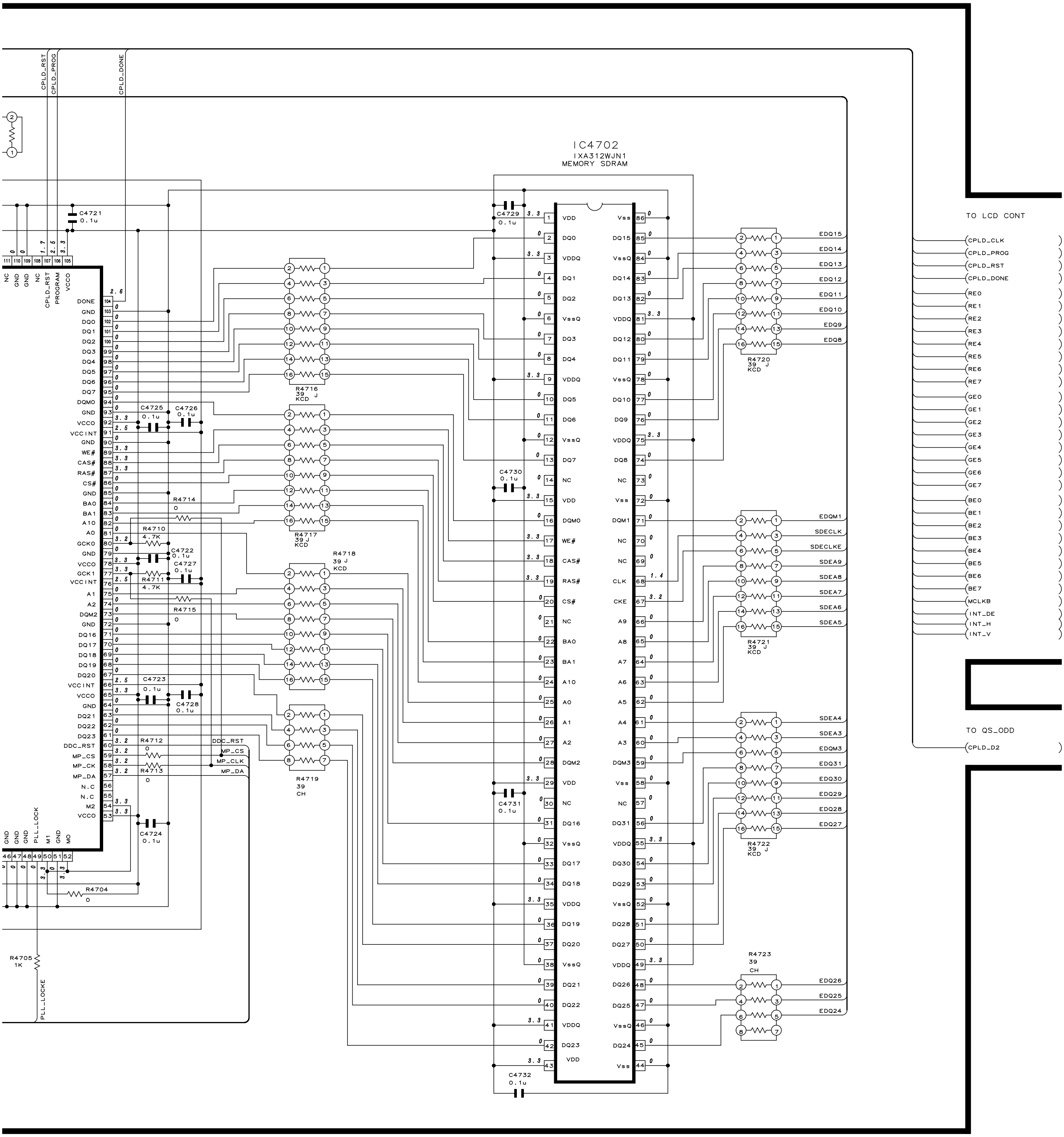
■ LCD CONTROL Unit-1/8


LCD CONT 1 (LVDS-RX)
LCD_CONT UNIT 1/8
*PWB4601
DUNTKC268UJ30
(PWBXC268WJ)
SC4601
N0491FJ
TO TMDS RX
LV
GND 33
GND 32
TA1– 31
TA1+ 30
GND 29
TB1– 28
TB1+ 27
GND 26
TC1– 25
TC1+ 24
GND 23
RCLK1– 22
RCLK1+ 21
GND 20
TD1– 19
TD1+ 18
GND 17
TA2– 16
TA2+ 15
GND 14
TB2– 13
TB2+ 12
GND 11
TC2– 10
TC2+ 9
GND 8
RCLK2– 7
RCLK2+ 6
GND 5
TD2– 4
TD2+ 3
GND 2
GND 1
R4606 100 F
R4605 100 F
R4609 100 F
R4608 100 F
R4607 100 F
R4610 100 F
R4602 100 F
R4601 100 F
R4604 100 F
R4603 100 F
C4609 0.01u K 50V
C4620 0.01u K 50V
C4614 0.01u K 50V
BEMS5
BEMS4
BEMS3
BEMS2
BEMS1
BEMS0
BEMS7
BEMS6
GEMS5
GEMS4
IC4602
TLVD824
LVDS RECEIVER
D4601
1SS355
D5V
VOLTAGE REGULATOR
IC4601
PQ1R33
C4601 47u 16V ASX
C4602 47u 16V ASX
C4603 0.1u Z 25V
C4604 47u 16V ASX
C4605 0.1u Z 25V
C4606 0.1u Z 25V
C4607 0.1u Z 25V
C4608 0.1u Z 25V
C4610 1000P K 50V
C4611 0.1u 25V Z
C4612 1000P K 50V
C4613 1000P K 50V
FB4601 0060TA
FB4602 0060TA
FB4603 0060TA
D3.3V
R4613 47K
R4614 47K
ROMS6
ROMS7
ROMS0
ROMS1
ROMS2
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

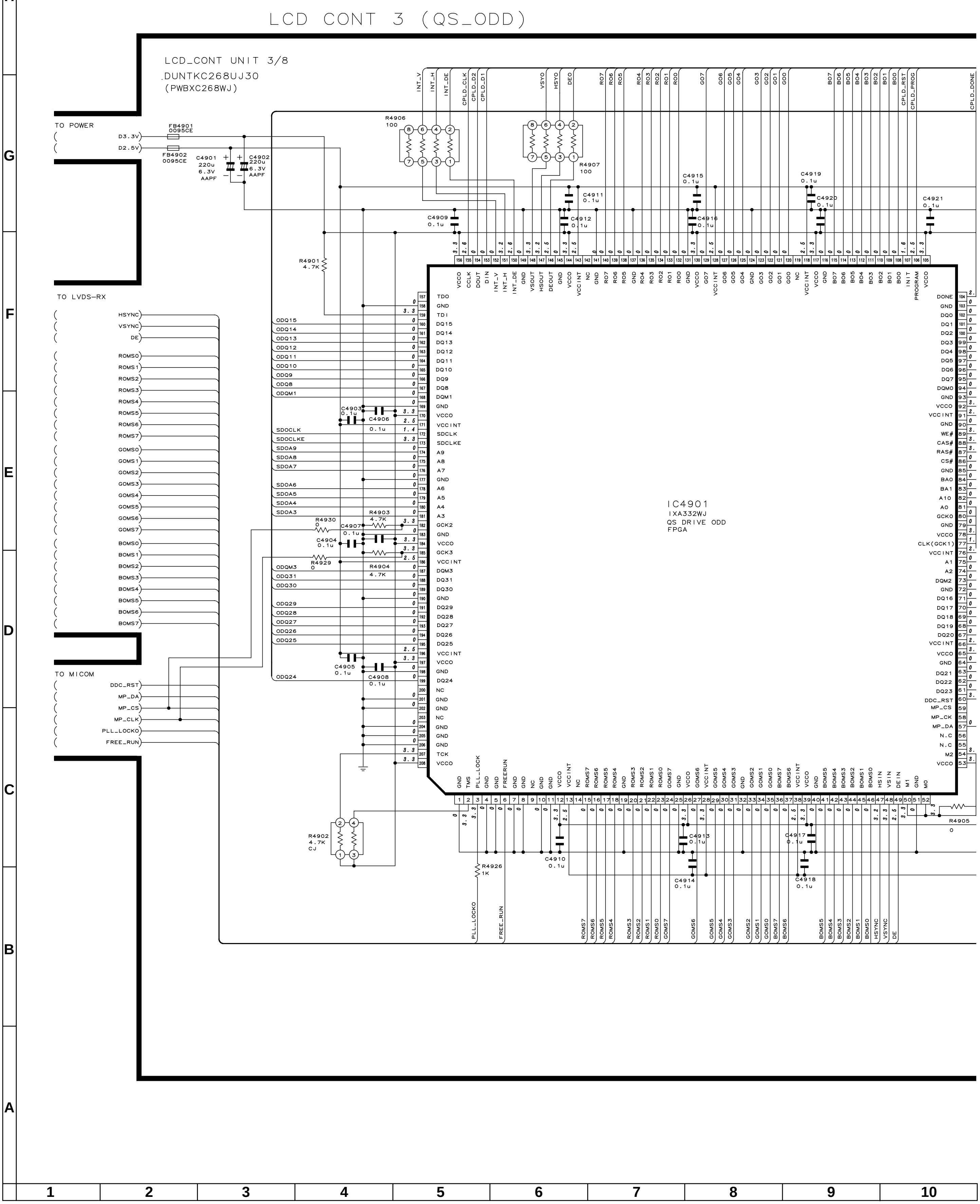

TO POWER
D3.3V
D5V
TO LCD CONT
PNLCLK
R4618
33
R4617
33 CH
VSYNC
DE
HSYNC
R4622
0
TO MICON
N_RST_PL
SYNC_DET
TO QS_EVEN
TO QS ODD
TO GRAYLEVEL
D5V
*R4620
4.7K
*R4621
4.7K
*Q4602
DTC144EE
*Q4601
DTC144EE
*R4619
22K
*C4622
1000P K
50V
*C4623
0.1u Z
25V
*IC4603
T7WH123U
*R4623
100
IC4602
TLVD824
LVDS RECEIVER
C4617
0.01u K
50V
C4615
0.01u K
50V
C4618
0.01u K
50V
C4619
0.01u K
50V
C4616
0.01u K
50V
C4621
0.01u K
50V
REMS0
REMS1
REMS2
REMS3
REMS4
REMS5
REMS6
REMS7
GEMS0
GEMS1
GEMS2
GEMS3
GEMS4
GEMS5
GEMS6
GEMS7
BEMS0
BEMS1
BEMS2
BEMS3
BEMS4
BEMS5
BEMS6
BEMS7
ROMS0
ROMS1
ROMS2
ROMS3
ROMS4
ROMS5
ROMS6
ROMS7
GOMS0
GOMS1
GOMS2
GOMS3
GOMS4
GOMS5
GOMS6
GOMS7
BOMS0
BOMS1
BOMS2
BOMS3
BOMS4
BOMS5
BOMS6
BOMS7
10
11
12
13
14
15
16
17
18
19

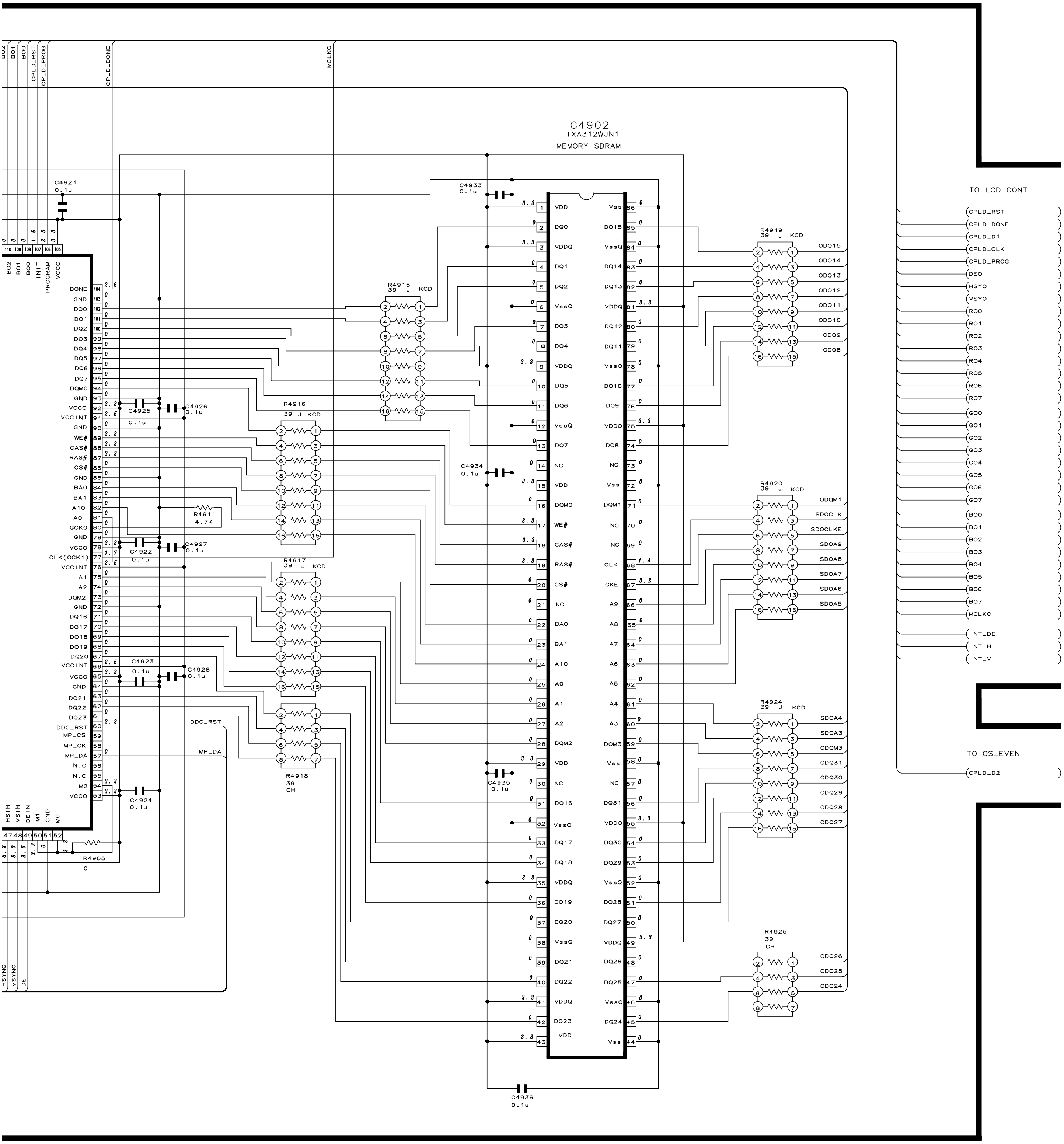
■ LCD CONTROL Unit-2/8


LCD CONT 2 (QS_EVEN)
LCD_CONT UNIT 2/8
DUNTKC268UJ30
(PWBXC268WJ)
TO POWER
D3.3V
D2.5V
FB4701
0095CE
FB4702
0095CE
C4701
220u
6.3V
AAPF
C4702
220u
6.3V
AAPF
MCLKB
R4701
4.7K
TO MICOM
DDC_RST
MP_DA
MP_CS
MP_CLK
PLL_LOCKE
FREE_RUN
TO LVDS-RX
HSYNC
VSYNC
DE
REMS0
REMS1
REMS2
REMS3
REMS4
REMS5
REMS6
REMS7
GEMS0
GEMS1
GEMS2
GEMS3
GEMS4
GEMS5
GEMS6
GEMS7
BEMS0
BEMS1
BEMS2
BEMS3
BEMS4
BEMS5
BEMS6
BEMS7
EDQ15
EDQ14
EDQ13
EDQ12
EDQ11
EDQ10
EDQ9
EDQ8
EDQM1
SDECLK
SDECLKE
SDEA9
SDEA8
SDEA7
SDEA6
SDEA5
SDEA4
SDEA3
EDQM3
EDQ31
EDQ30
EDQ29
EDQ28
EDQ27
EDQ26
EDQ25
EDQ24
C4703
0.1u
C4706
0.1u
C4704
0.1u
R4703
4.7K
C4707
0.1u
C4708
0.1u
C4705
0.1u
R4702
4.7K
CJ
CPLD_CLK
CPLD_D2
BE0
BE1
BE2
BE3
BE4
BE5
BE6
BE7
GE0
GE1
GE2
GE3
GE4
GE5
GE6
GE7
RE0
RE1
RE2
RE3
RE4
RE5
RE6
RE7
INT_V
INT_H
INT_DE
CPLD_RST
CPLD_PROG
R4706
100
C4709
0.1u
C4711
0.1u
C4712
0.1u
C4715
0.1u
C4716
0.1u
C4717
0.1u
C4719
0.1u
C4721
0.1u
IC4701
IXA332WJ
QS DRIVE EVEN
FPGA
TDO
GND
TDI
DQ15
DQ14
DQ13
DQ12
DQ11
DQ10
DQ9
DQ8
DQM1
VCCO
VCCINT
SDCLK
SDCLKE
A9
A8
A7
A6
A5
A4
A3
GCK2
CLK
DQM3
DQ31
DQ30
DQ29
DQ28
DQ27
DQ26
DQ25
DQ24
NC
TCK
DONE
DQ0
DQ1
DQ2
DQ3
DQ4
DQ5
DQ6
DQ7
DQM0
WE#
CAS#
RAS#
CS#
BA0
BA1
A10
A0
GCK0
GCK1
A1
A2
DQM2
DQ16
DQ17
DQ18
DQ19
DQ20
DQ21
DQ22
DQ23
DDC_RST
MP_CS
MP_CK
MP_DA
N.C
M2
CCLK
DOUT
DIN
PROGRAM
TMS
HSIN
VSIN
DEIN
FREERUN
PLL_LOCK
M1
M0
C4710
0.1u
C4713
0.1u
C4714
0.1u
C4718
0.1u
C4720
0.1u
R4704
0
R4705
1K
FREE_RUN
PLL_LOCKE
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

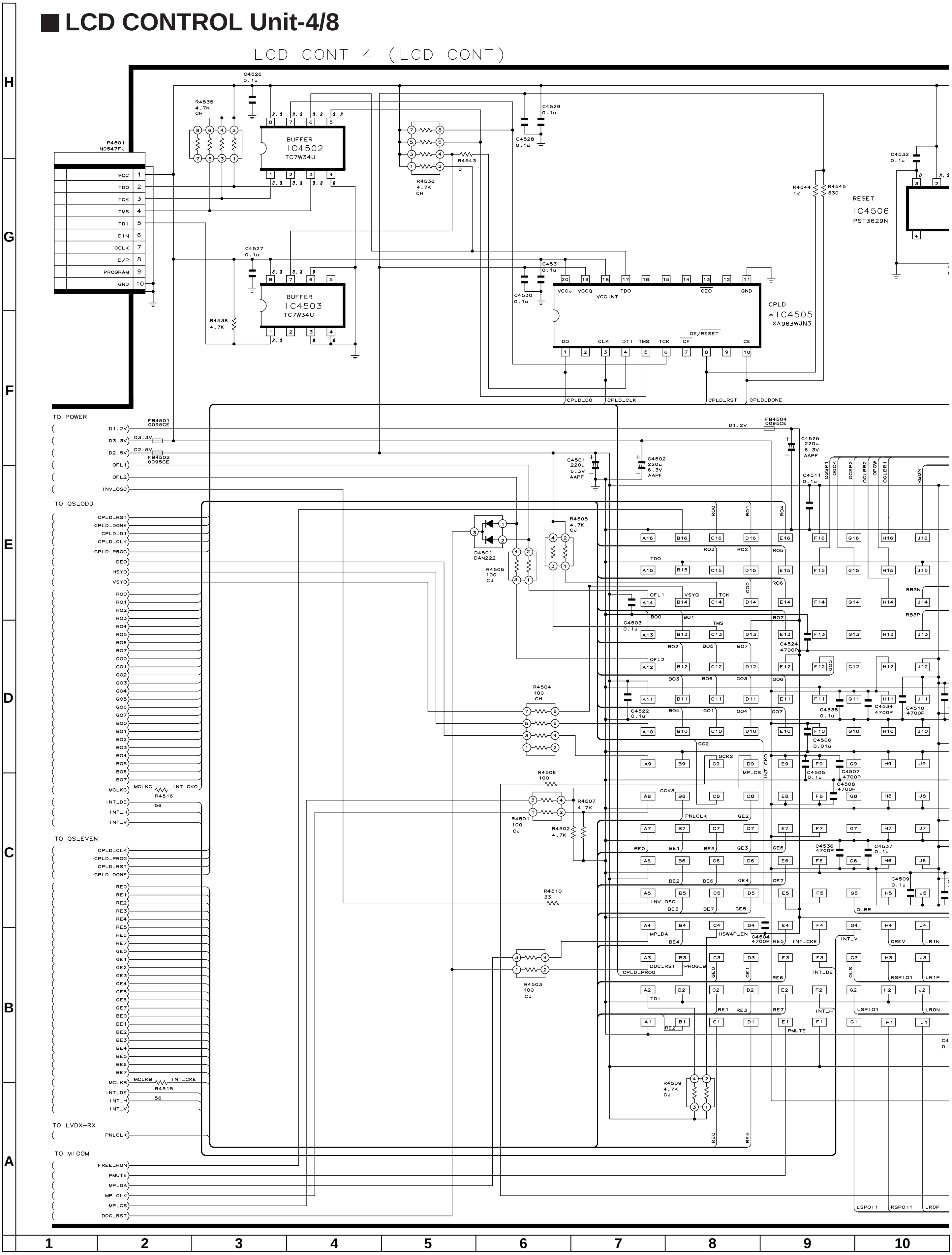

IC4702
IXA312WJN1
MEMORY SDRAM
VDD
DQ0
VDDQ
DQ1
DQ2
VssQ
DQ3
DQ4
DQ5
DQ6
DQ7
NC
DQM0
WE#
CAS#
RAS#
CS#
BA0
BA1
A10
A0
A1
A2
DQM2
DQ16
DQ17
DQ18
DQ19
DQ20
DQ21
DQ22
DQ23
Vss
DQ15
DQ14
DQ13
DQ12
DQ11
DQ10
DQ9
DQ8
DQM1
CLK
CKE
A9
A8
A7
A6
A5
A4
A3
DQM3
DQ31
DQ30
DQ29
DQ28
DQ27
DQ26
DQ25
DQ24
CPLD_RST
CPLD_PROG
CPLD_DONE
C4721 0.1u
C4729 0.1u
C4730 0.1u
C4731 0.1u
C4732 0.1u
C4725 0.1u
C4726 0.1u
C4722 0.1u
C4727 0.1u
C4723 0.1u
C4728 0.1u
C4724 0.1u
R4714 0
R4710 4.7K
R4711 4.7K
R4715 0
R4712 0
R4713 0
R4704 0
R4705 1K
R4716 39 J KCD
R4717 39 J KCD
R4718 39 J KCD
R4719 39 CH
R4720 39 J KCD
R4721 39 J KCD
R4722 39 J KCD
R4723 39 CH
DONE
GND
VCCO
VCCINT
GCK0
GCK1
M2
N.C
MP_DA
MP_CK
MP_CS
DDC_RST
MP_CLK
PLL_LOCK
PLL_LOCKE
M1
M0
PROGRAM
NC
3.3
2.5
3.2
2.6
1.7
1.4
EDQ15
EDQ14
EDQ13
EDQ12
EDQ11
EDQ10
EDQ9
EDQ8
EDQM1
SDECLK
SDECLKE
SDEA9
SDEA8
SDEA7
SDEA6
SDEA5
SDEA4
SDEA3
EDQM3
EDQ31
EDQ30
EDQ29
EDQ28
EDQ27
EDQ26
EDQ25
EDQ24
TO LCD CONT
CPLD_CLK
CPLD_PROG
CPLD_RST
CPLD_DONE
RE0
RE1
RE2
RE3
RE4
RE5
RE6
RE7
GE0
GE1
GE2
GE3
GE4
GE5
GE6
GE7
BE0
BE1
BE2
BE3
BE4
BE5
BE6
BE7
MCLKB
INT_DE
INT_H
INT_V
TO QS_ODD
CPLD_D2

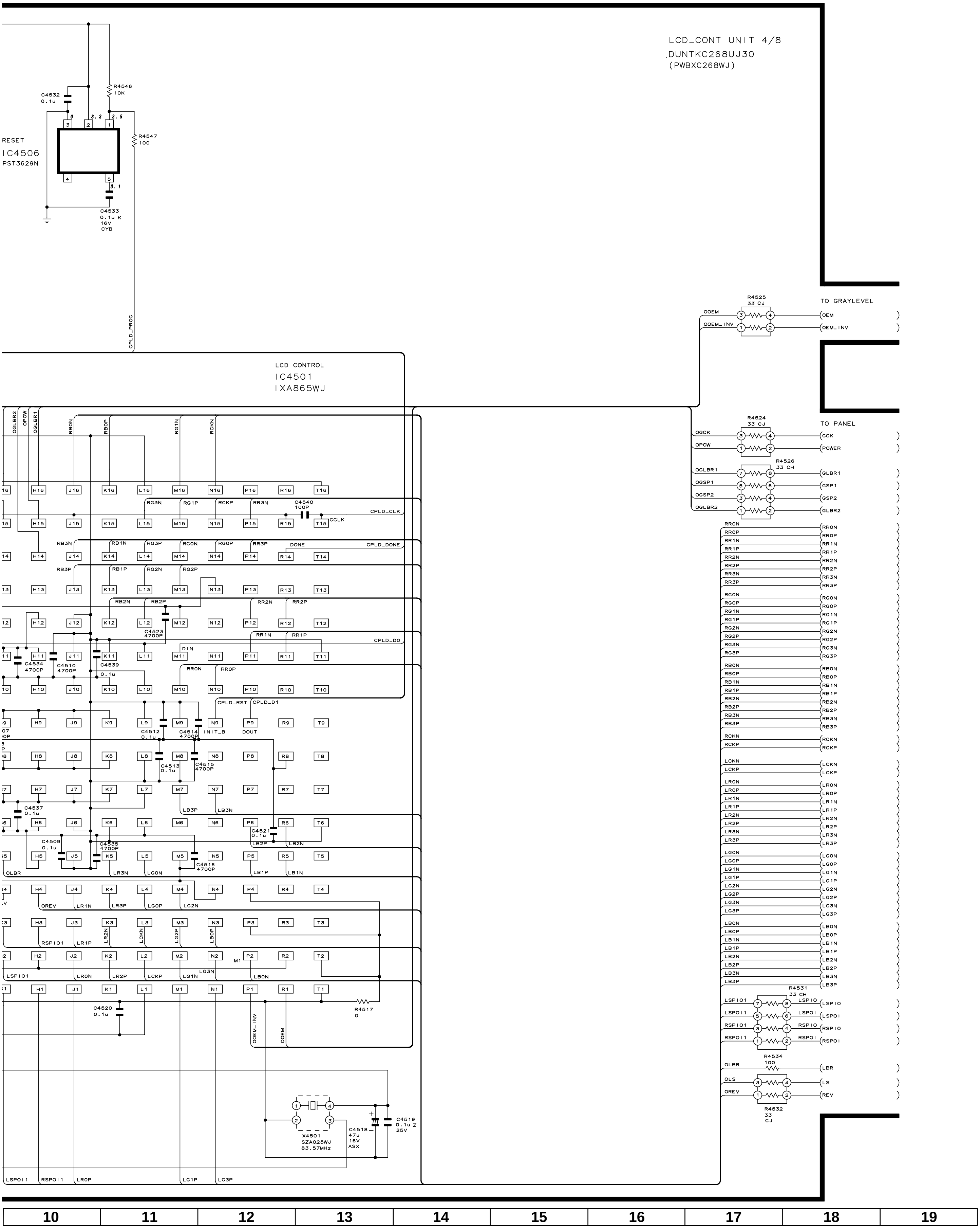
■ LCD CONTROL Unit-3/8


LCD CONT 3 (QS_ODD)
LCD_CONT UNIT 3/8
DUNTKC268UJ30
(PWBXC268WJ)
TO POWER
D3.3V
D2.5V
FB4901 0095CE
FB4902 0095CE
C4901 220u 6.3V AAPF
C4902 220u 6.3V AAPF
R4906 100
R4907 100
R4901 4.7K
TO LVDS-RX
HSYNC
VSYNC
DE
ROMS0
ROMS1
ROMS2
ROMS3
ROMS4
ROMS5
ROMS6
ROMS7
GOMS0
GOMS1
GOMS2
GOMS3
GOMS4
GOMS5
GOMS6
GOMS7
BOMS0
BOMS1
BOMS2
BOMS3
BOMS4
BOMS5
BOMS6
BOMS7
TO MICOM
DDC_RST
MP_DA
MP_CS
MP_CLK
PLL_LOCKO
FREE_RUN
INT_V
INT_H
INT_DE
CPLD_CLK
CPLD_D2
CPLD_D1
VSYO
HSYO
DEO
RO7 RO6 RO5 RO4 RO3 RO2 RO1 RO0
GO7 GO6 GO5 GO4 GO3 GO2 GO1 GO0
BO7 BO6 BO5 BO4 BO3 BO2 BO1 BO0
CPLD_RST
CPLD_PROG
CPLD_DONE
C4909 0.1u
C4911 0.1u
C4912 0.1u
C4915 0.1u
C4916 0.1u
C4919 0.1u
C4920 0.1u
C4921 0.1u
C4903 0.1u
C4906 0.1u
C4907 0.1u
C4904 0.1u
C4905 0.1u
C4908 0.1u
R4930 0
R4903 4.7K
R4929 0
R4904 4.7K
R4902 4.7K CJ
C4910 0.1u
C4913 0.1u
C4914 0.1u
C4917 0.1u
C4918 0.1u
R4926 1K
R4905 0
ODQ15 ODQ14 ODQ13 ODQ12 ODQ11 ODQ10 ODQ9 ODQ8 ODQM1
SDOCLK SDOCLKE SDOA9 SDOA8 SDOA7 SDOA6 SDOA5 SDOA4 SDOA3
ODQM3 ODQ31 ODQ30 ODQ29 ODQ28 ODQ27 ODQ26 ODQ25 ODQ24
IC4901
IXA332WJ
QS DRIVE ODD
FPGA
TDO GND TDI DQ15 DQ14 DQ13 DQ12 DQ11 DQ10 DQ9 DQ8 DQM1 GND VCCO VCCINT SDCLK SDCLKE A9 A8 A7 GND A6 A5 A4 A3 GCK2 GND VCCO GCK3 VCCINT DQM3 DQ31 DQ30 GND DQ29 DQ28 DQ27 DQ26 DQ25 VCCINT VCCO GND DQ24 NC GND GND NC GND GND GND TCK VCCO
DONE GND DQ0 DQ1 DQ2 DQ3 DQ4 DQ5 DQ6 DQ7 DQM0 GND VCCO VCCINT GND WE# CAS# RAS# CS# GND BA0 BA1 A10 A0 GCK0 GND VCCO CLK(GCK1) VCCINT A1 A2 DQM2 GND DQ16 DQ17 DQ18 DQ19 DQ20 VCCINT VCCO GND DQ21 DQ22 DQ23 DDC_RST MP_CS MP_CK MP_DA N.C N.C M2 VCCO
VCCO CCLK DOUT DIN INT_V INT_H INT_DE GND VSOUT HSOUT DEOUT GND VCCO VCCINT NC GND RO7 RO6 RO5 GND RO4 RO3 RO2 RO1 RO0 GND VCCO GO7 VCCINT GO6 GO5 GO4 GND GO3 GO2 GO1 GO0 NC VCCINT VCCO GND BO7 BO6 BO5 BO4 BO3 BO2 BO1 BO0 INIT PROGRAM VCCO
GND TMS PLL_LOCK GND GND FREERUN GND GND NC GND GND VCCO VCCINT NC ROMS7 ROMS6 ROMS5 ROMS4 GND ROMS3 ROMS2 ROMS1 ROMS0 GOMS7 GND VCCO GOMS6 VCCINT GOMS5 GOMS4 GOMS3 GND GOMS2 GOMS1 GOMS0 BOMS7 BOMS6 VCCINT VCCO GND BOMS5 BOMS4 BOMS3 BOMS2 BOMS1 BOMS0 HSIN VSIN DEIN M1 GND M0
PLL_LOCKO
FREE_RUN
H G F E D C B A
1 2 3 4 5 6 7 8 9 10

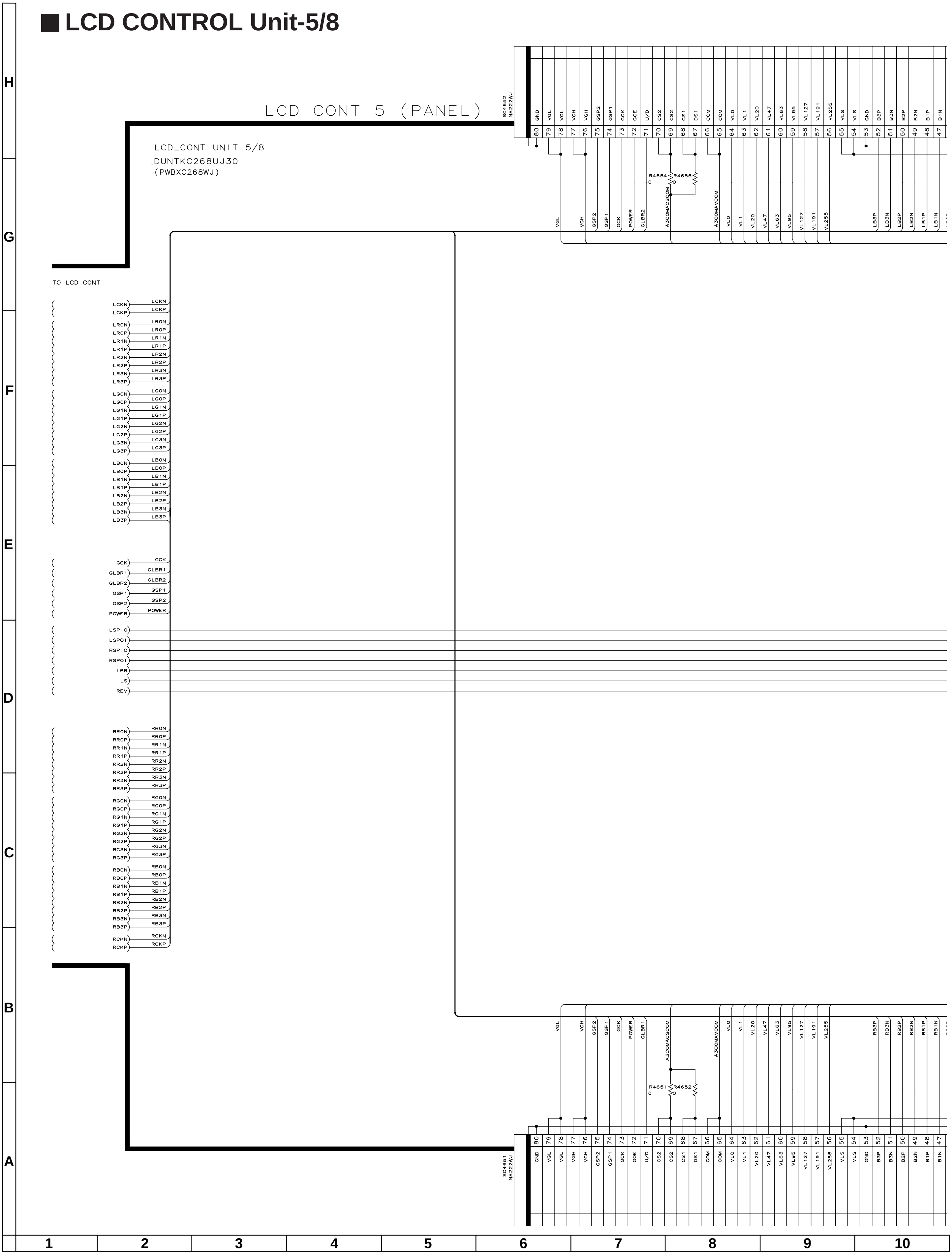

IC4902
IXA312WJN1
MEMORY SDRAM
TO LCD CONT
TO OS_EVEN
CPLD_RST
CPLD_DONE
CPLD_D1
CPLD_CLK
CPLD_PROG
DEO
HSYO
VSYO
RO0
RO1
RO2
RO3
RO4
RO5
RO6
RO7
GO0
GO1
GO2
GO3
GO4
GO5
GO6
GO7
BO0
BO1
BO2
BO3
BO4
BO5
BO6
BO7
MCLKC
INT_DE
INT_H
INT_V
CPLD_D2
R4915 39 J KCD
R4916 39 J KCD
R4917 39 J KCD
R4918 39 CH
R4919 39 J KCD
R4920 39 J KCD
R4924 39 J KCD
R4925 39 CH
R4911 4.7K
R4905 0
C4921 0.1u
C4922 0.1u
C4923 0.1u
C4924 0.1u
C4925 0.1u
C4926 0.1u
C4927 0.1u
C4928 0.1u
C4933 0.1u
C4934 0.1u
C4935 0.1u
C4936 0.1u
ODQ15
ODQ14
ODQ13
ODQ12
ODQ11
ODQ10
ODQ9
ODQ8
ODQM1
SDOCLK
SDOCLKE
SDOA9
SDOA8
SDOA7
SDOA6
SDOA5
SDOA4
SDOA3
ODQM3
ODQ31
ODQ30
ODQ29
ODQ28
ODQ27
ODQ26
ODQ25
ODQ24
DDC_RST
MP_DA
HSYNC
VSYNC
DE
MCLKC
CPLD_DONE
CPLD_RST
CPLD_PROG
BO2
BO1
BO0
INIT
PROGRAM
VCCO
DONE
GND
DQ0
DQ1
DQ2
DQ3
DQ4
DQ5
DQ6
DQ7
DQM0
VCCINT
WE#
CAS#
RAS#
CS#
BA0
BA1
A10
A0
GCK0
CLK(GCK1)
A1
A2
DQM2
DQ16
DQ17
DQ18
DQ19
DQ20
DQ21
DQ22
DQ23
DDC_RST
MP_CS
MP_CK
MP_DA
N.C
M2
HSIN
VSIN
DEIN
M1
M0
1 VDD
2 DQ0
3 VDDQ
4 DQ1
5 DQ2
6 VssQ
7 DQ3
8 DQ4
9 VDDQ
10 DQ5
11 DQ6
12 VssQ
13 DQ7
14 NC
15 VDD
16 DQM0
17 WE#
18 CAS#
19 RAS#
20 CS#
21 NC
22 BA0
23 BA1
24 A10
25 A0
26 A1
27 A2
28 DQM2
29 VDD
30 NC
31 DQ16
32 VssQ
33 DQ17
34 DQ18
35 VDDQ
36 DQ19
37 DQ20
38 VssQ
39 DQ21
40 DQ22
41 VDDQ
42 DQ23
43 VDD
86 Vss
85 DQ15
84 VssQ
83 DQ14
82 DQ13
81 VDDQ
80 DQ12
79 DQ11
78 VssQ
77 DQ10
76 DQ9
75 VDDQ
74 DQ8
73 NC
72 Vss
71 DQM1
70 NC
69 NC
68 CLK
67 CKE
66 A9
65 A8
64 A7
63 A6
62 A5
61 A4
60 A3
59 DQM3
58 Vss
57 NC
56 DQ31
55 VDDQ
54 DQ30
53 DQ29
52 VssQ
51 DQ28
50 DQ27
49 VDDQ
48 DQ26
47 DQ25
46 VssQ
45 DQ24
44 Vss
3.3
2.5
2.6
1.6
1.7
1.4
3.2
0

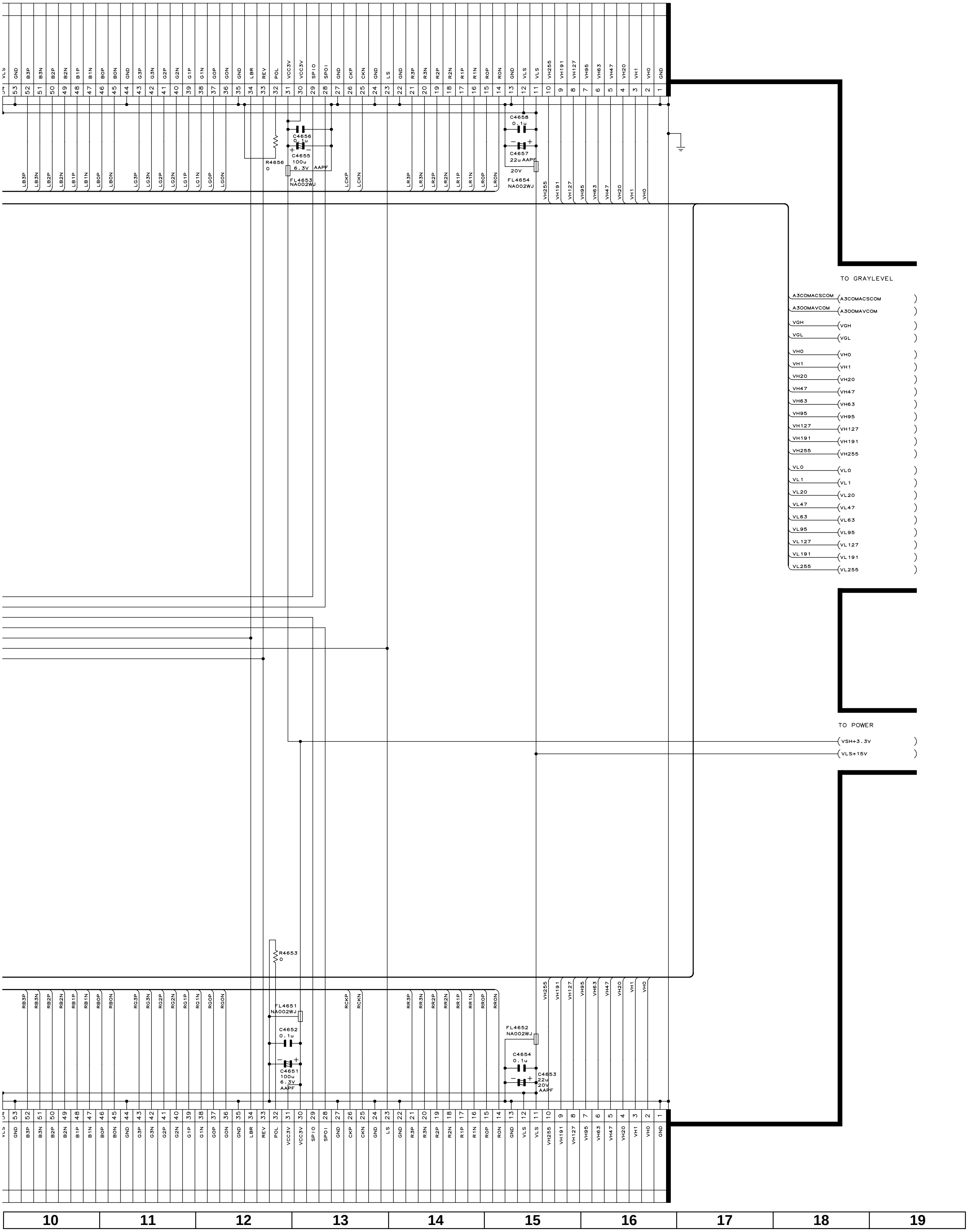
■ LCD CONTROL Unit-4/8


LCD CONT 4 (LCD CONT)
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
P4501
N0547FJ
VCC
TDO
TCK
TMS
TDI
DIN
CCLK
D/P
PROGRAM
GND
R4535
4.7K
CH
C4526
0.1u
BUFFER
IC4502
TC7W34U
C4527
0.1u
BUFFER
IC4503
TC7W34U
R4538
4.7K
R4536
4.7K
CH
R4543
0
C4528
0.1u
C4529
0.1u
C4530
0.1u
C4531
0.1u
VCCJ
VCCQ
VCCINT
TDO
CEO
GND
DO
CLK
DTI
TMS
TCK
CF
OE/RESET
CE
CPLD
*IC4505
IXA963WJN3
CPLD_DO
CPLD_CLK
CPLD_RST
CPLD_DONE
R4544
1K
R4545
330
C4532
0.1u
RESET
IC4506
PST3629N
TO POWER
D1.2V
D3.3V
D2.5V
OFL1
OFL2
INV_OSC
FB4501
0095CE
FB4502
0095CE
FB4504
0095CE
C4501
220u
6.3V
AAPF
C4502
220u
6.3V
AAPF
C4525
220u
6.3V
AAPF
C4511
0.1u
TO QS_ODD
CPLD_RST
CPLD_DONE
CPLD_D1
CPLD_CLK
CPLD_PROG
DEO
HSYO
VSYO
RO0
RO1
RO2
RO3
RO4
RO5
RO6
RO7
GO0
GO1
GO2
GO3
GO4
GO5
GO6
GO7
BO0
BO1
BO2
BO3
BO4
BO5
BO6
BO7
MCLKC
INT_CKO
R4516
56
INT_DE
INT_H
INT_V
TO QS_EVEN
CPLD_CLK
CPLD_PROG
CPLD_RST
CPLD_DONE
RE0
RE1
RE2
RE3
RE4
RE5
RE6
RE7
GE0
GE1
GE2
GE3
GE4
GE5
GE6
GE7
BE0
BE1
BE2
BE3
BE4
BE5
BE6
BE7
MCLKB
INT_CKE
R4515
56
INT_DE
INT_H
INT_V
TO LVDX-RX
PNLCLK
TO MICOM
FREE_RUN
PMUTE
MP_DA
MP_CLK
MP_CS
DDC_RST
D4501
DAN222
R4505
100
CJ
R4508
4.7K
CJ
R4504
100
CH
R4506
100
R4501
100
CJ
R4507
4.7K
R4502
4.7K
R4510
33
R4503
100
CJ
R4509
4.7K
CJ
C4503
0.1u
C4522
0.1u
C4524
4700P
C4534
4700P
C4510
4700P
C4538
0.1u
C4506
0.01u
C4505
0.1u
C4507
4700P
C4508
4700P
C4536
4700P
C4537
0.1u
C4509
0.1u
C4504
4700P
TDO
OFL1
VSYQ
TCK
TMS
OFL2
GCK2
MP_CS
INT_CKO
GCK3
PNLCLK
INV_OSC
MP_DA
HSWAP_EN
INT_CKE
INT_V
DDC_RST
PROG_B
CPLD_PROG
INT_DE
TDI
INT_H
PMUTE
OLBR
OREV
LR1N
RSPIO1
LR1P
LSPIO1
LRON
OGSP1
OGCK
OGSP2
OGLBR2
OPOW
OGLBR1
RBON
RB3N
RB3P
LSPOI1
RSPOI1
LROP


LCD_CONT UNIT 4/8
DUNTKC268UJ30
(PWBXC268WJ)
RESET
IC4506
PST3629N
C4532 0.1u
R4546 10K
R4547 100
C4533 0.1u K 16V CYB
CPLD_PROG
LCD CONTROL
IC4501
IXA865WJ
TO GRAYLEVEL
R4525 33 CJ
OEM
OEM_INV
TO PANEL
R4524 33 CJ
GCK
POWER
R4526 33 CH
GLBR1
GSP1
GSP2
GLBR2
CPLD_CLK
CPLD_DONE
CPLD_D0
CPLD_RST
CPLD_D1
C4540 100P
CCLK
R4531 33 CH
LSPIO
LSPOI
RSPIO
RSPOI
R4534 100
LBR
LS
REV
R4532 33 CJ
R4517 0
C4520 0.1u
X4501 SZA025WJ 83.57MHz
C4518 47u 16V ASX
C4519 0.1u Z 25V
10
11
12
13
14
15
16
17
18
19

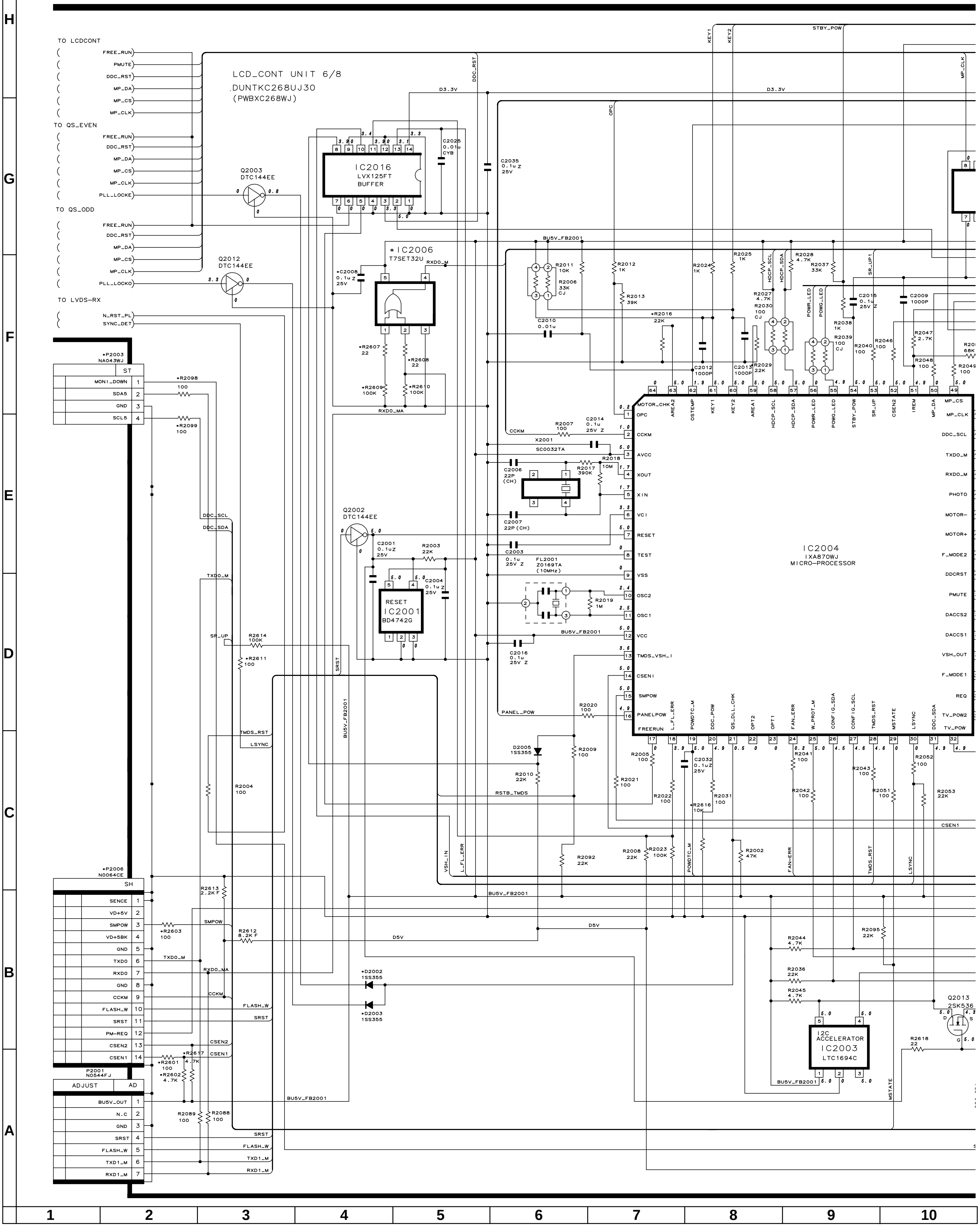
■ LCD CONTROL Unit-5/8

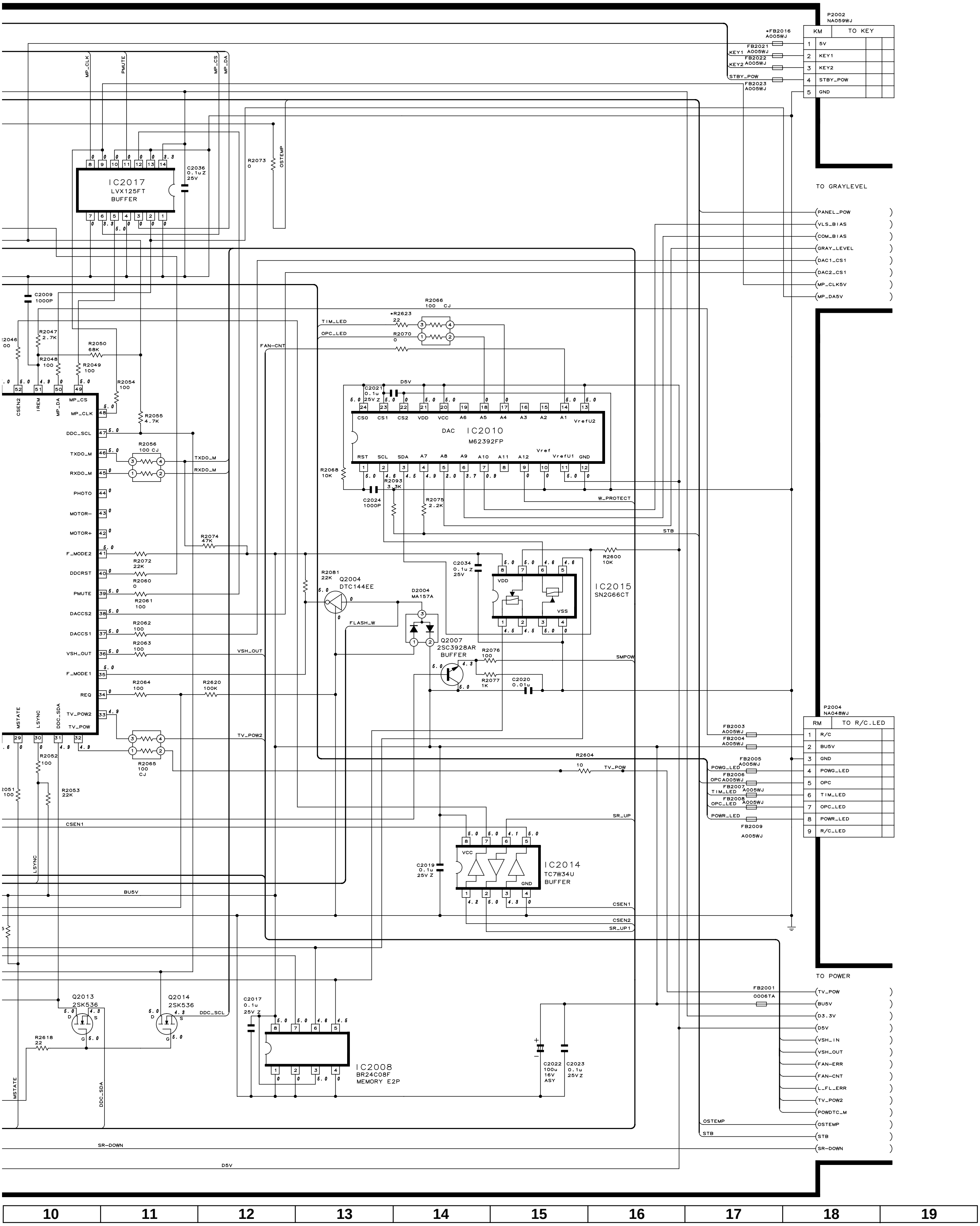

LCD CONT 5 (PANEL)
LCD_CONT UNIT 5/8
DUNTKC268UJ30
(PWBXC268WJ)
SC4652
NA222WJ
SC4651
NA222WJ
GND
VGL
VGH
GSP2
GSP1
GCK
GOE
U/D
CS2
CS1
DS1
COM
VL0
VL1
VL20
VL47
VL63
VL95
VL127
VL191
VL255
VLS
B3P
B3N
B2P
B2N
B1P
B1N
R4654
R4655
R4651
R4652
POWER
GLBR2
GLBR1
A3COMACSCOM
A3OOMAVCOM
LB3P
LB3N
LB2P
LB2N
LB1P
LB1N
RB3P
RB3N
RB2P
RB2N
RB1P
RB1N
TO LCD CONT
LCKN
LCKP
LR0N
LR0P
LR1N
LR1P
LR2N
LR2P
LR3N
LR3P
LG0N
LG0P
LG1N
LG1P
LG2N
LG2P
LG3N
LG3P
LB0N
LB0P
LSPIO
LSPOI
RSPIO
RSPOI
LBR
LS
REV
RR0N
RR0P
RR1N
RR1P
RR2N
RR2P
RR3N
RR3P
RG0N
RG0P
RG1N
RG1P
RG2N
RG2P
RG3N
RG3P
RB0N
RB0P
RCKN
RCKP
80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


VLS
GND
B3P
B3N
B2P
B2N
B1P
B1N
B0P
B0N
GND
G3P
G3N
G2P
G2N
G1P
G1N
G0P
G0N
GND
LBR
REV
POL
VCC3V
VCC3V
SPIO
SPOI
GND
CKP
CKN
GND
LS
GND
R3P
R3N
R2P
R2N
R1P
R1N
R0P
R0N
GND
VLS
VLS
VH255
VH191
VH127
VH95
VH63
VH47
VH20
VH1
VH0
GND
C4658
0.1u
C4657
22u AAPF
20V
FL4654
NA002WJ
C4656
0.1u
C4655
100u
6.3V AAPF
R4656
0
FL4653
NA002WJ
LB3P
LB3N
LB2P
LB2N
LB1P
LB1N
LB0P
LB0N
LG3P
LG3N
LG2P
LG2N
LG1P
LG1N
LG0P
LG0N
LCKP
LCKN
LR3P
LR3N
LR2P
LR2N
LR1P
LR1N
LR0P
LR0N
TO GRAYLEVEL
A3COMACSCOM
A3OOMAVCOM
VGH
VGL
VH0
VH1
VH20
VH47
VH63
VH95
VH127
VH191
VH255
VL0
VL1
VL20
VL47
VL63
VL95
VL127
VL191
VL255
TO POWER
VSH+3.3V
VLS+15V
R4653
0
FL4651
NA002WJ
C4652
0.1u
C4651
100u
6.3V
AAPF
FL4652
NA002WJ
C4654
0.1u
C4653
22u
20V
AAPF
RB3P
RB3N
RB2P
RB2N
RB1P
RB1N
RB0P
RB0N
RG3P
RG3N
RG2P
RG2N
RG1P
RG1N
RG0P
RG0N
RCKP
RCKN
RR3P
RR3N
RR2P
RR2N
RR1P
RR1N
RR0P
RR0N
10
11
12
13
14
15
16
17
18
19

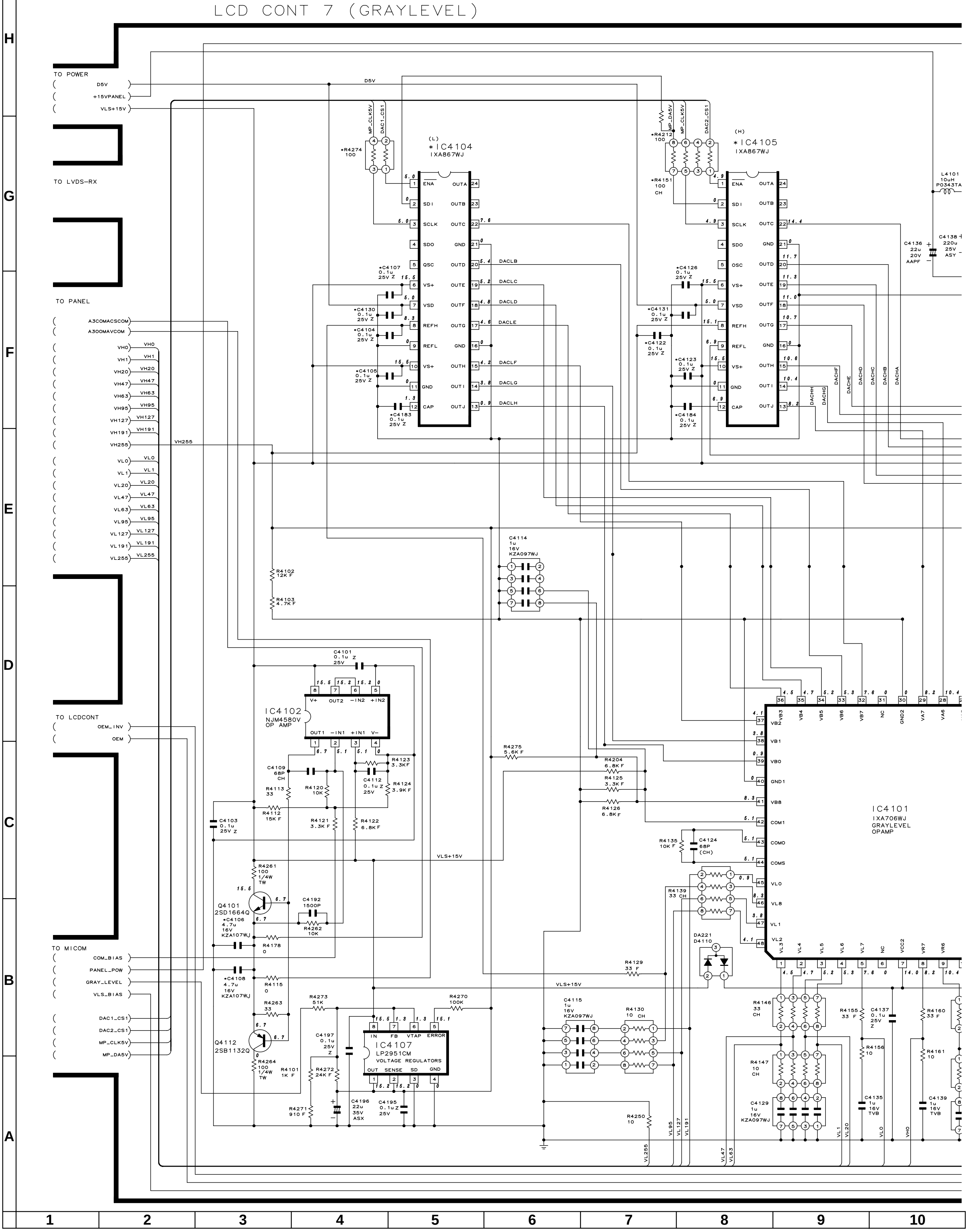
■ LCD CONTROL Unit-6/8

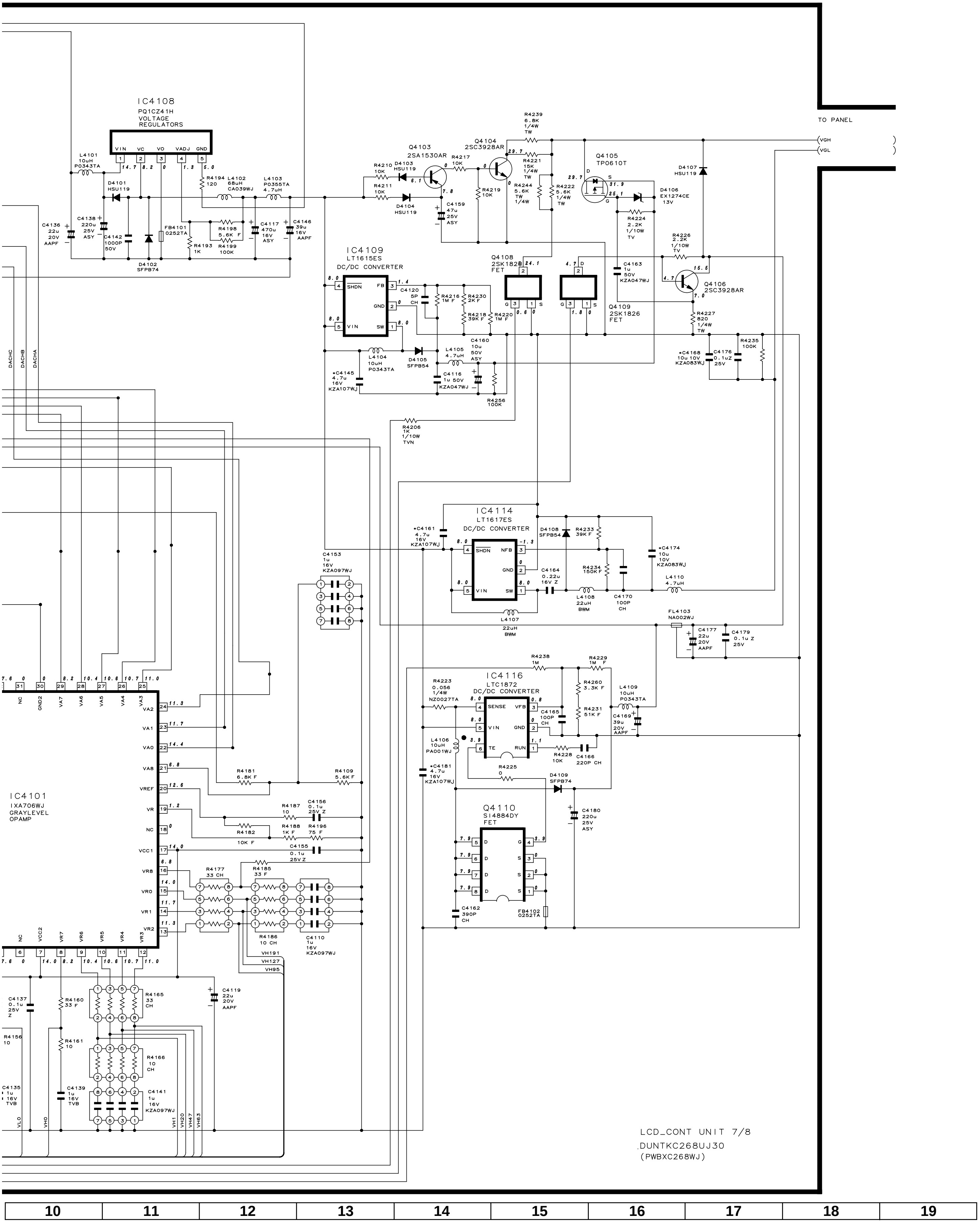
LCD CONT 6 (MICOM)


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
TO LCDCONT
FREE_RUN
PMUTE
DDC_RST
MP_DA
MP_CS
MP_CLK
TO QS_EVEN
PLL_LOCKE
TO QS_ODD
PLL_LOCKO
TO LVDS-RX
N_RST_PL
SYNC_DET
LCD_CONT UNIT 6/8
DUNTKC268UJ30
(PWBXC268WJ)
Q2003
DTC144EE
Q2012
DTC144EE
Q2002
DTC144EE
IC2016
LVX125FT
BUFFER
C2025
0.01u
CYB
C2035
0.1u Z
25V
D3.3V
DDC_RST
OPC
KEY1
KEY2
STBY_POW
MP_CLK
*IC2006
T7SET32U
RXDO_M
*C2008
0.1u Z
25V
*R2607
22
*R2608
22
*R2609
100K
*R2610
100K
RXDO_MA
BU5V_FB2001
R2011
10K
R2006
33K
CJ
C2010
0.01u
R2012
1K
R2013
39K
*R2016
22K
C2012
1000P
R2024
1K
R2025
1K
C2013
1000P
R2027
4.7K
R2030
100
CJ
R2029
22K
HDCP_SCL
HDCP_SDA
R2028
4.7K
R2037
33K
SR_UP1
POWR_LED
POWG_LED
R2038
1K
R2039
100
CJ
C2015
0.1u
25V Z
R2040
100
R2046
100
C2009
1000P
R2047
2.7K
R2048
100
R2049
100
*P2003
NA043WJ
ST
MONI_DOWN
SDA5
GND
SCL5
*R2098
100
*R2099
100
CCKM
R2007
100
C2014
0.1u
25V Z
X2001
SC0032TA
C2006
22P
(CH)
R2017
390K
R2018
10M
C2007
22P (CH)
C2001
0.1uZ
25V
R2003
22K
C2003
0.1u
25V Z
FL2001
Z0169TA
(10MHz)
C2004
0.1u Z
25V
RESET
IC2001
BD4742G
R2019
1M
C2016
0.1u
25V Z
DDC_SCL
DDC_SDA
TXDO_M
SR_UP
R2614
100K
*R2611
100
SRST
BU5V_FB2001
TMDS_RST
LSYNC
R2004
100
PANEL_POW
R2020
100
D2005
1SS355
R2009
100
R2010
22K
RSTB_TMDS
IC2004
IXA870WJ
MICRO-PROCESSOR
MOTOR_CHK
OPC
CCKM
AVCC
XOUT
XIN
VCI
RESET
TEST
VSS
OSC2
OSC1
VCC
TMDS_VSH_I
CSEN1
SMPOW
PANELPOW
FREERUN
AREA2
OSTEMP
KEY1
KEY2
AREA1
HDCP_SCL
HDCP_SDA
POWR_LED
POWG_LED
STBY_POW
SR_UP
CSEN2
IREM
MP_DA
MP_CS
MP_CLK
DDC_SCL
TXDO_M
RXDO_M
PHOTO
MOTOR-
MOTOR+
F_MODE2
DDCRST
PMUTE
DACCS2
DACCS1
VSH_OUT
F_MODE1
REQ
TV_POW2
TV_POW
L_FL_ERR
POWDTC_M
DDC_POW
QS_DLL_CHK
OPT2
OPT1
FAN_ERR
W_PROT_M
CONFIG_SDA
CONFIG_SCL
TMDS_RST
MSTATE
LSYNC
DDC_SDA
R2005
100
C2032
0.1uZ
25V
R2041
100
R2043
100
R2052
100
R2021
100
R2022
100
*R2616
10K
R2031
100
R2042
100
R2051
100
R2053
22K
CSEN1
VSH_IN
L_FL_ERR
R2092
22K
R2008
22K
R2023
100K
POWDTC_M
R2002
47K
FAN_ERR
TMDS_RST
LSYNC
*P2006
N0064CE
SH
SENCE
VD+5V
SMPOW
VD+5BK
GND
TXDO
RXDO
GND
CCKM
FLASH_W
SRST
PM-REQ
CSEN2
CSEN1
R2613
2.2K F
*R2603
100
R2612
8.2K F
TXDO_M
RXDO_MA
CCKM
D5V
*D2002
1SS355
*D2003
1SS355
*R2617
4.7K
*R2601
100
*R2602
4.7K
CSEN2
CSEN1
R2044
4.7K
R2036
22K
R2045
4.7K
R2095
22K
I2C
ACCELERATOR
IC2003
LTC1694C
MSTATE
Q2013
2SK536
R2618
22
P2001
N0544FJ
ADJUST
AD
BU5V_OUT
N.C
GND
SRST
FLASH_W
TXD1_M
RXD1_M
R2089
100
R2088
100
BU5V_FB2001
SRST
FLASH_W
TXD1_M
RXD1_M

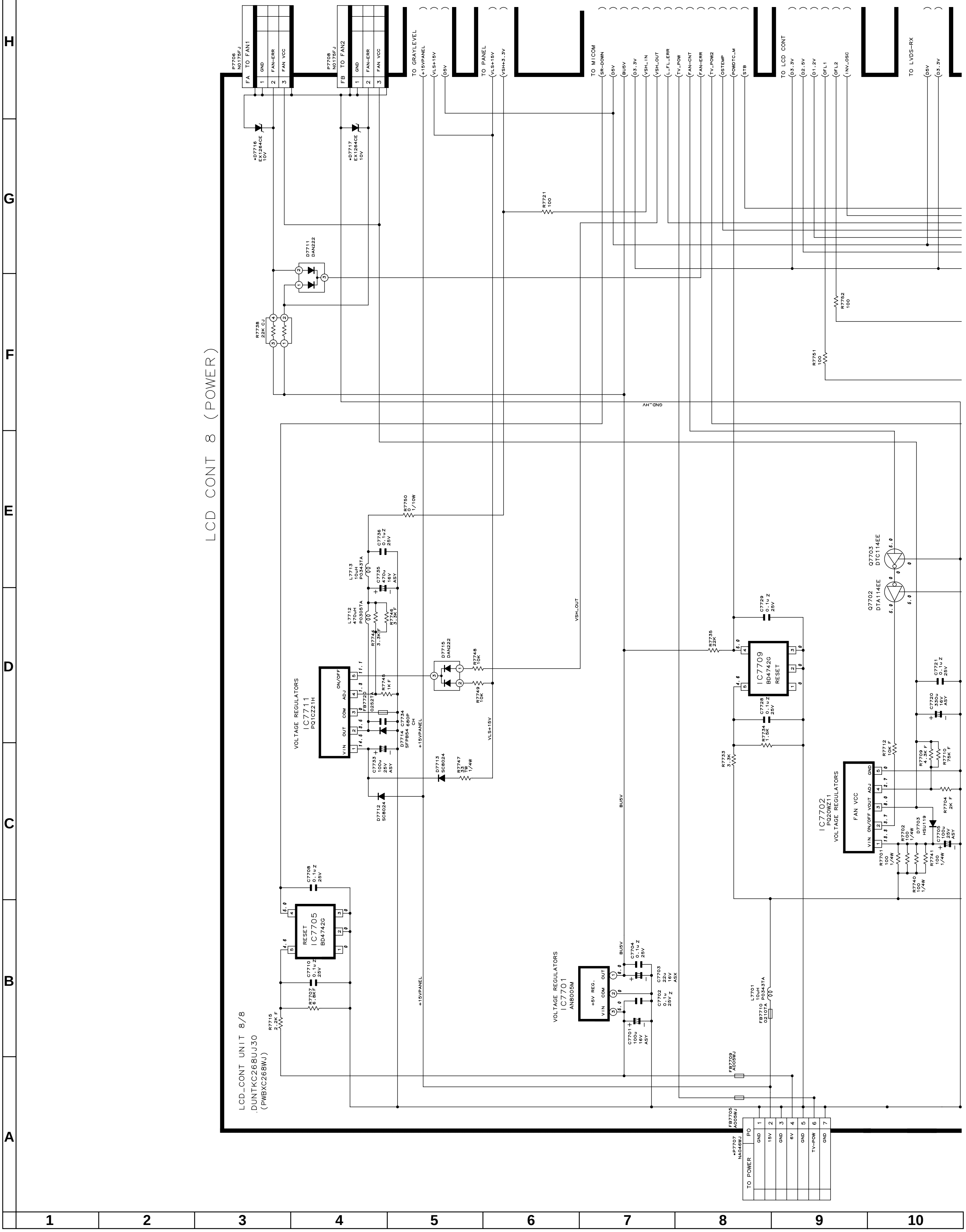

P2002
NA059WJ
KM
TO KEY
1 5V
2 KEY1
3 KEY2
4 STBY_POW
5 GND
*FB2016 A005WJ
FB2021 A005WJ
FB2022 A005WJ
FB2023 A005WJ
KEY1
KEY2
STBY_POW
MP_CLK
PMUTE
MP_CS
MP_DA
IC2017
LVX125FT
BUFFER
C2036 0.1u Z 25V
R2073 0
OSTEMP
TO GRAYLEVEL
PANEL_POW
VLS_BIAS
COM_BIAS
GRAY_LEVEL
DAC1_CS1
DAC2_CS1
MP_CLK5V
MP_DA5V
C2009 1000P
R2047 2.7K
R2046 100
R2048 100
R2049 100
R2050 68K
R2054 100
R2055 4.7K
R2056 100 CJ
R2066 100 CJ
*R2623 22
R2070 0
TIM_LED
OPC_LED
FAN-CNT
D5V
C2021 0.1u 25V Z
IC2010
M62392FP
DAC
CS0 CS1 CS2 VDD VCC A6 A5 A4 A3 A2 A1 VrefU2
RST SCL SDA A7 A8 A9 A10 A11 A12 Vref VrefU1 GND
R2068 10K
C2024 1000P
R2093 3.3K
R2075 2.2K
W_PROTECT
STB
CSEN2 IREM MP_DA MP_CS MP_CLK
DDC_SCL
TXDO_M
RXDO_M
PHOTO
MOTOR-
MOTOR+
F_MODE2
DDCRST
PMUTE
DACCS2
DACCS1
VSH_OUT
F_MODE1
REQ
TV_POW2
TV_POW
MSTATE LSYNC DDC_SDA
R2074 47K
R2072 22K
R2060 0
R2061 100
R2062 100
R2063 100
R2064 100
R2620 100K
R2065 100 CJ
R2052 100
R2053 22K
R2051 100
R2081 22K
Q2004 DTC144EE
D2004 MA157A
FLASH_W
Q2007 2SC3928AR BUFFER
R2076 100
R2077 1K
C2020 0.01u
C2034 0.1u Z 25V
IC2015
SN2G66CT
VDD VSS
R2600 10K
SMPOW
R2604 10
TV_POW
P2004
NA048WJ
RM
TO R/C.LED
1 R/C
2 BU5V
3 GND
4 POWG_LED
5 OPC
6 TIM_LED
7 OPC_LED
8 POWR_LED
9 R/C_LED
FB2003 A005WJ
FB2004 A005WJ
FB2005 A005WJ
FB2006 A005WJ
FB2007 A005WJ
FB2008 A005WJ
FB2009 A005WJ
POWG_LED
OPC
TIM_LED
OPC_LED
POWR_LED
SR_UP
CSEN1
C2019 0.1u 25V Z
IC2014
TC7W34U
BUFFER
VCC GND
CSEN2
SR_UP1
BU5V
TO POWER
FB2001 0006TA
TV_POW
BU5V
D3.3V
D5V
VSH_IN
VSH_OUT
FAN-ERR
FAN-CNT
L_FL_ERR
TV_POW2
POWDTC_M
OSTEMP
STB
SR-DOWN
Q2013 2SK536
Q2014 2SK536
R2618 22
DDC_SCL
C2017 0.1u 25V Z
IC2008
BR24C08F
MEMORY E2P
C2022 100u 16V ASY
C2023 0.1u 25V Z
MSTATE
DDC_SDA
SR-DOWN
D5V
10
11
12
13
14
15
16
17
18
19

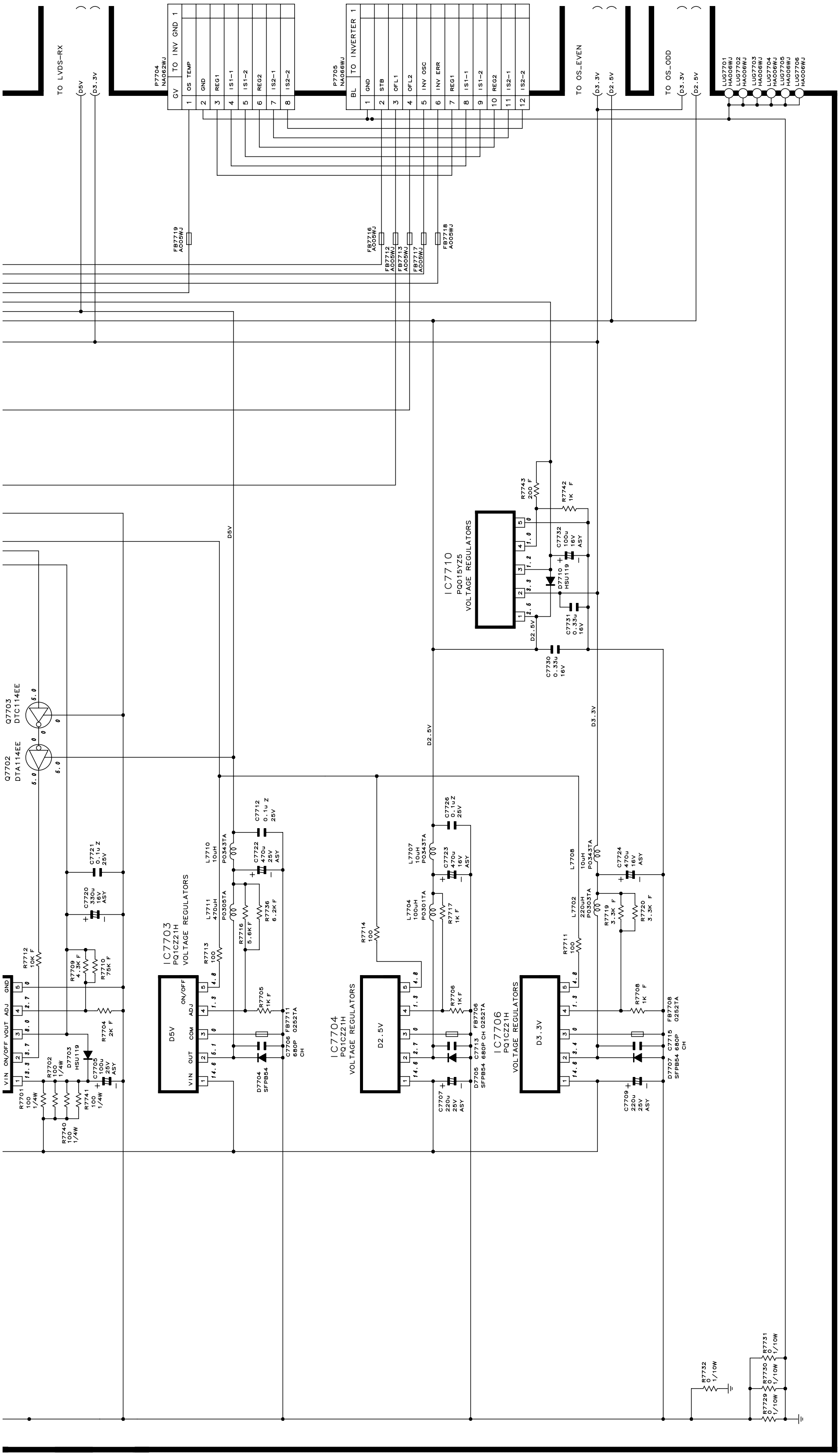
■ LCD CONTROL Unit-7/8


LCD CONT 7 (GRAYLEVEL)
TO POWER
D5V
+15VPANEL
VLS+15V
TO LVDS-RX
TO PANEL
A3COMACSCOM
A3OOMAVCOM
VH0
VH1
VH20
VH47
VH63
VH95
VH127
VH191
VH255
VL0
VL1
VL20
VL47
VL63
VL95
VL127
VL191
VL255
TO LCDCONT
OEM_INV
OEM
TO MICOM
COM_BIAS
PANEL_POW
GRAY_LEVEL
VLS_BIAS
DAC1_CS1
DAC2_CS1
MP_CLK5V
MP_DA5V
(L)
*IC4104
IXA867WJ
(H)
*IC4105
IXA867WJ
ENA
SDI
SCLK
SDO
OSC
VS+
VSD
REFH
REFL
GND
CAP
OUTA
OUTB
OUTC
OUTD
OUTE
OUTF
OUTG
OUTH
OUTI
OUTJ
DACLB
DACLC
DACLD
DACLE
DACLF
DACLG
DACLH
DACHH
DACHG
DACHF
DACHE
DACHD
DACHC
DACHB
DACHA
*R4274 100
*R4212 100
*R4151 100 CH
L4101 10uH P0343TA
C4136 22u 20V AAPF
C4138 220u 25V ASY
IC4102
NJM4580V
OP AMP
IC4101
IXA706WJ
GRAYLEVEL
OPAMP
IC4107
LP2951CM
VOLTAGE REGULATORS
Q4101 2SD1664Q
Q4112 2SB1132Q
DA221 D4110
C4114 1u 16V KZA097WJ
C4115 1u 16V KZA097WJ
C4129 1u 16V KZA097WJ
R4102 12K F
R4103 4.7K F
R4275 5.6K F
R4204 6.8K F
R4125 3.3K F
R4126 6.8K F
R4135 10K F
C4124 68P (CH)
R4139 33 CH
R4129 33 F
R4130 10 CH
R4250 10
R4146 33 CH
R4147 10 CH
R4155 33 F
C4137 0.1u 25V Z
R4156 10
C4135 1u 16V TVB
R4160 33 F
R4161 10
C4139 1u 16V TVB
C4101 0.1u Z 25V
C4109 68P CH
R4113 33
R4120 10K
C4112 0.1u Z 25V
R4123 3.3K F
R4124 3.9K F
R4112 15K F
R4121 3.3K F
R4122 6.8K F
C4103 0.1u 25V Z
R4261 100 1/4W TW
C4192 1500P
*C4106 4.7u 16V KZA107WJ
R4262 10K
R4178 0
*C4108 4.7u 16V KZA107WJ
R4115 0
R4263 33
R4273 51K
R4270 100K
C4197 0.1u 25V Z
R4264 100 1/4W TW
R4101 1K F
R4272 24K F
R4271 910 F
C4196 22u 35V ASX
C4195 0.1u Z 25V
VLS+15V
D5V
VB3
VB4
VB5
VB6
VB7
NC
GND2
VA7
VA6
VB1
VB0
GND1
VB8
COM1
COMO
COMS
VL0
VL8
VL1
VL2
VL3
VL4
VL5
VL6
VL7
VCC2
VR7
VR6
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


IC4108
PQ1CZ41H
VOLTAGE REGULATORS
VIN VC VO VADJ GND
IC4109
LT1615ES
DC/DC CONVERTER
IC4114
LT1617ES
DC/DC CONVERTER
IC4116
LTC1872
DC/DC CONVERTER
IC4101
IXA706WJ
GRAYLEVEL OPAMP
Q4103
2SA1530AR
Q4104
2SC3928AR
Q4105
TP0610T
Q4106
2SC3928AR
Q4108
2SK1826
FET
Q4109
2SK1826
FET
Q4110
SI4884DY
FET
TO PANEL
VGH
VGL
D4101 HSU119
D4102 SFPB74
D4103 HSU119
D4104 HSU119
D4105 SFPB54
D4106 EX1274CE 13V
D4107 HSU119
D4108 SFPB54
D4109 SFPB74
L4101 10uH P0343TA
L4102 68uH CA039WJ
L4103 P0355TA 4.7uH
L4104 10uH P0343TA
L4105 4.7uH
L4106 10uH PA001WJ
L4107 22uH BWM
L4108 22uH BWM
L4109 10uH P0343TA
L4110 4.7uH
FB4101 0252TA
FB4102 0252TA
FL4103 NA002WJ
DACHC
DACHB
DACHA
VH191
VH127
VH95
VLO
VHO
VH1
VH20
VH47
VH63
LCD_CONT UNIT 7/8
DUNTKC268UJ30
(PWBXC268WJ)
10
11
12
13
14
15
16
17
18
19

■ LCD CONTROL Unit-8/8

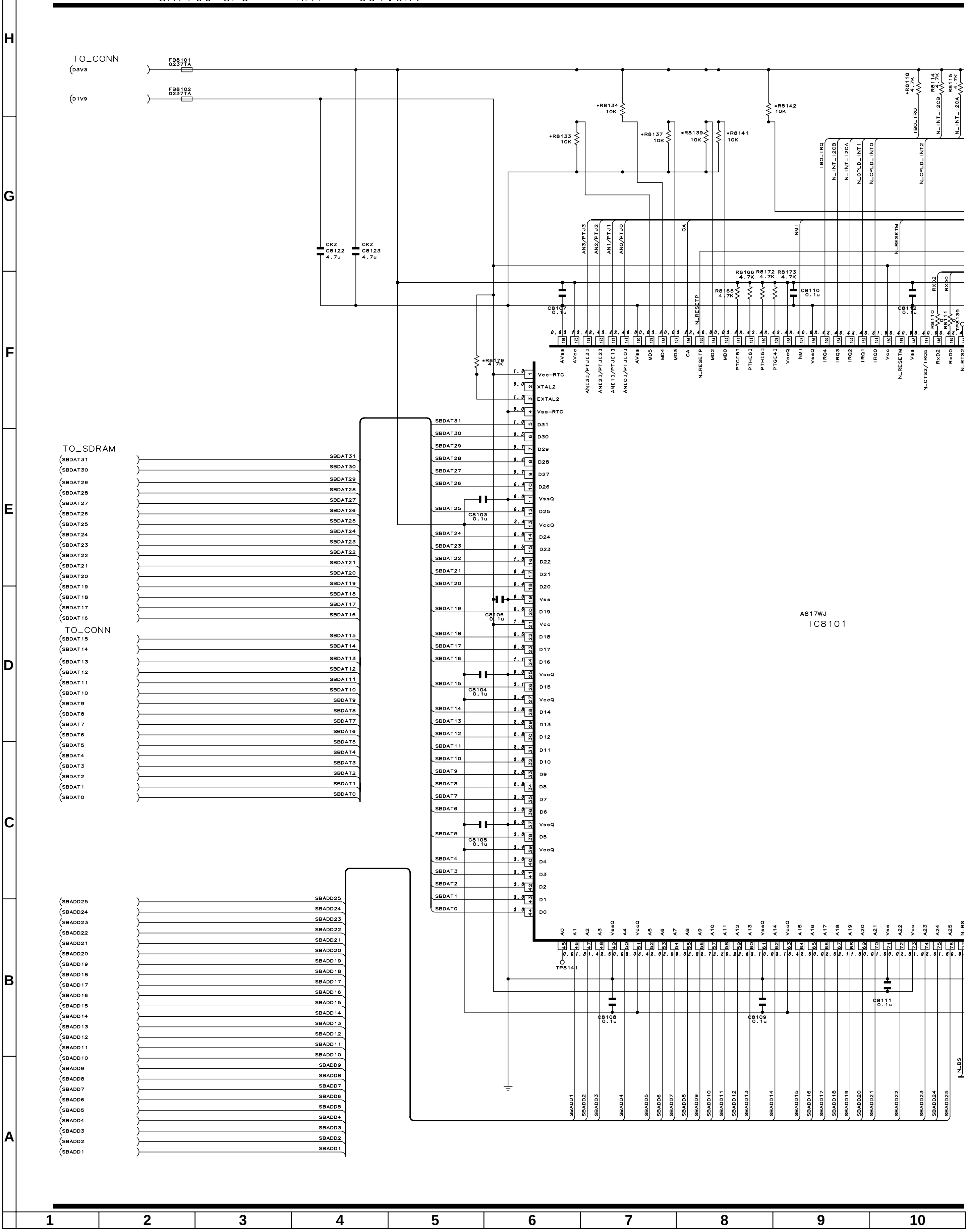

LCD CONT 8 (POWER)
LCD_CONT UNIT 8/8
DUNTKC268UJ30
(PWBXC268WJ)
P7706 NO175FJ TO FAN1
P7708 NO175FJ TO FAN2
GND
FAN-ERR
FAN VCC
TO GRAYLEVEL
+15VPANEL
VLS+15V
D5V
TO PANEL
VSH+3.3V
TO MICOM
SR-DOWN
BU5V
D3.3V
VSH_IN
VSH_OUT
L_FL_ERR
TV_POW
FAN-CNT
TV_POW2
OSTEMP
POWDTC_M
STB
TO LCD CONT
D2.5V
D1.2V
OFL1
OFL2
INV_OSC
TO LVDS-RX
D7716 EX1264CE 10V
D7717 EX1264CE 10V
R7721 100
D7711 DAN222
R7738 22K CJ
R7752 100
R7751 100
GND_HV
R7750 1/10W
C7736 0.1u Z 25V
L7713 10uH P0343TA
C7735 470u 16V ASY
L7712 470uH P0305TA
R7744 3.3K F
R7746 3.3K F
Q7703 DTC114EE
Q7702 DTA114EE
C7729 0.1u Z 25V
R7735 22K
IC7709 BD4742G RESET
D7715 DAN222
R7748 10K
R7749 10K
VSH_OUT
VOLTAGE REGULATORS IC7711 PQ1CZ21H
VIN OUT COM ADJ ON/OFF
R7745 1K F
FB7720 0252TA
C7734 680P CH
D7714 SFPB54
VLS+15V
C7721 0.1u Z 25V
C7720 330u 16V ASY
C7728 0.1u Z 25V
R7734 1.5K
R7733 3.3K
R7712 10K F
R7709 4.3K F
R7710 75K F
C7733 100u 25V ASY
D7713 SC8024
R7747 33 1W 1/4W
IC7702 PQ20WZ11 VOLTAGE REGULATORS FAN VCC
VIN ON/OFF VOUT ADJ GND
R7704 2K F
D7703 HSU119
C7709 100u 25V ASY
D7712 SC8024
R7702 100 1/4W
R7701 100 1/4W
R7740 100 1/4W
R7741 100 1/4W
BU5V
C7708 0.1u Z 25V
RESET IC7705 BD4742G
C7710 0.1u Z 25V
R7707 6.8K F
R7715 2.2K F
+15VPANEL
VOLTAGE REGULATORS IC7701 AN8005M
+5V REG.
VIN COM OUT
C7704 0.1u Z 25V
C7703 22u 16V ASX
C7702 0.1u 25V Z
C7701 100u 16V ASY
L7701 10uH P0343TA
FB7710 0210TA
FB7709 A005WJ
FB7706 A005WJ
P7707 NA046WJ TO POWER PO
GND
15V
6V
TV-POW
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

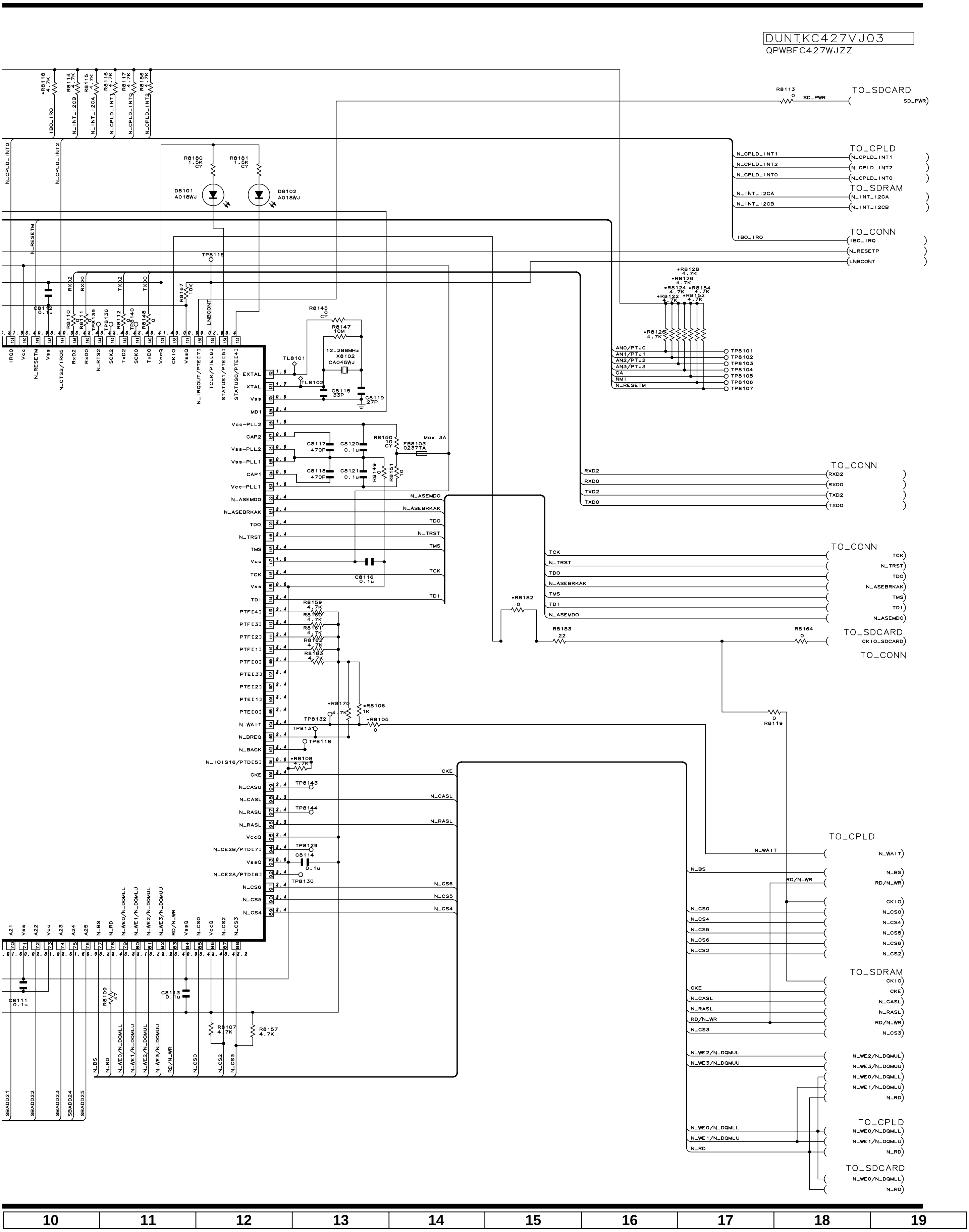

TO LVDS-RX
D5V
D3.3V
P7704
NA062WJ
TO INV GND 1
GV
OS TEMP
GND
REG1
IS1-1
IS1-2
REG2
IS2-1
IS2-2
P7705
NA066WJ
TO INVERTER 1
BL
GND
STB
OFL1
OFL2
INV OSC
INV ERR
REG1
IS1-1
IS1-2
REG2
IS2-1
IS2-2
TO OS_EVEN
D3.3V
D2.5V
TO OS_ODD
D3.3V
D2.5V
LUG7701 HA006WJ
LUG7702 HA006WJ
LUG7703 HA006WJ
LUG7704 HA006WJ
LUG7705 HA006WJ
LUG7706 HA006WJ
FB7719 A005WJ
FB7716 A005WJ
FB7712 A005WJ
FB7713 A005WJ
FB7717 A005WJ
FB7718 A005WJ
R7743 200 F
R7742 1K F
IC7710
PQ015YZ5
VOLTAGE REGULATORS
C7732 10u 16V ASY
D7710 HSU119
C7731 0.33u 16V
C7730 0.33u 16V
D2.5V
D3.3V
D5V
Q7703 DTC114EE
Q7702 DTA114EE
C7721 0.1u Z 25V
C7720 330u 16V ASY
R7712 10K F
R7709 4.3K F
R7710 75K F
R7704 2K F
D7703 HSU119
C7705 100u 25V ASY
R7702 100 1/4W
R7701 100 1/4W
R7740 100 1/4W
R7741 100 1/4W
VIN ON/OFF VOUT ADJ GND
IC7703
PQ1CZ21H
VOLTAGE REGULATORS
D5V
VIN OUT COM ADJ ON/OFF
R7713 100
L7711 470uH PO305TA
L7710 10uH PO343TA
C7712 0.1u Z 25V
C7722 470u 25V ASY
R7715 5.6K F
R7736 6.2K F
R7705 1K F
FB7711 0252TA
C7706 680P CH
D7704 SFPB54
R7714 100
IC7704
PQ1CZ21H
VOLTAGE REGULATORS
D2.5V
L7707 10uH PO343TA
C7726 0.1u Z 25V
C7723 470u 16V ASY
L7704 100uH PO301TA
R7717 1K F
R7706 1K F
FB7709 0252TA
C7713 680P CH
D7705 SFPB54
C7707 220u 25V ASY
IC7706
PQ1CZ21H
VOLTAGE REGULATORS
D3.3V
L7708 10uH PO343TA
C7724 470u 16V ASY
L7702 220uH PO303TA
R7719 3.3K F
R7720 3.3K F
R7711 100
R7708 1K F
FB7708 0252TA
C7715 680P CH
D7707 SFPB54
C7709 220u 25V ASY
R7732 0 1/10W
R7731 0 1/10W
R7730 0 1/10W
R7729 0 1/10W

10	11	12	13	14	15	16	17	18	19

■ CPU Unit-1/5

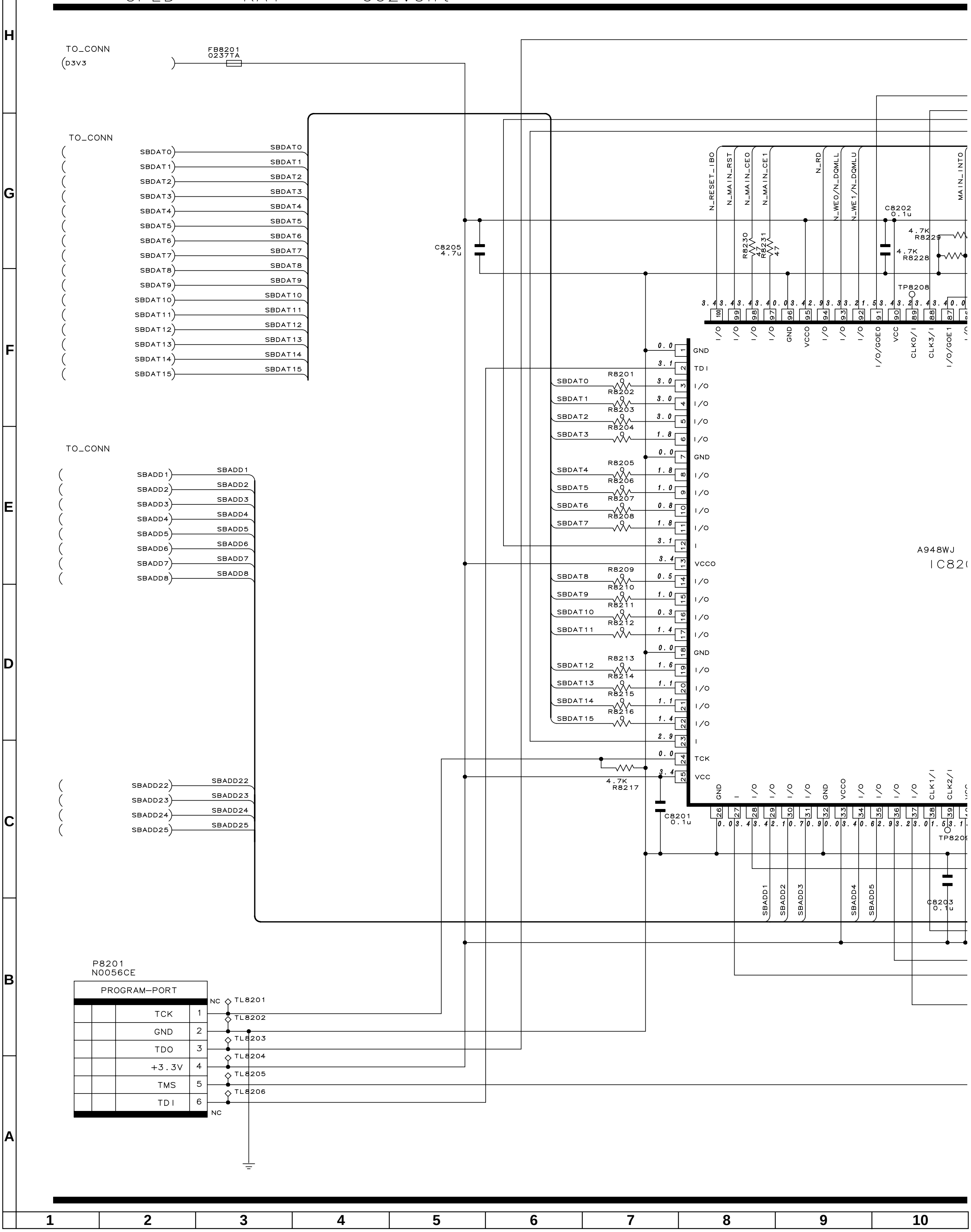
SH7706 CPU KA1 001.sht

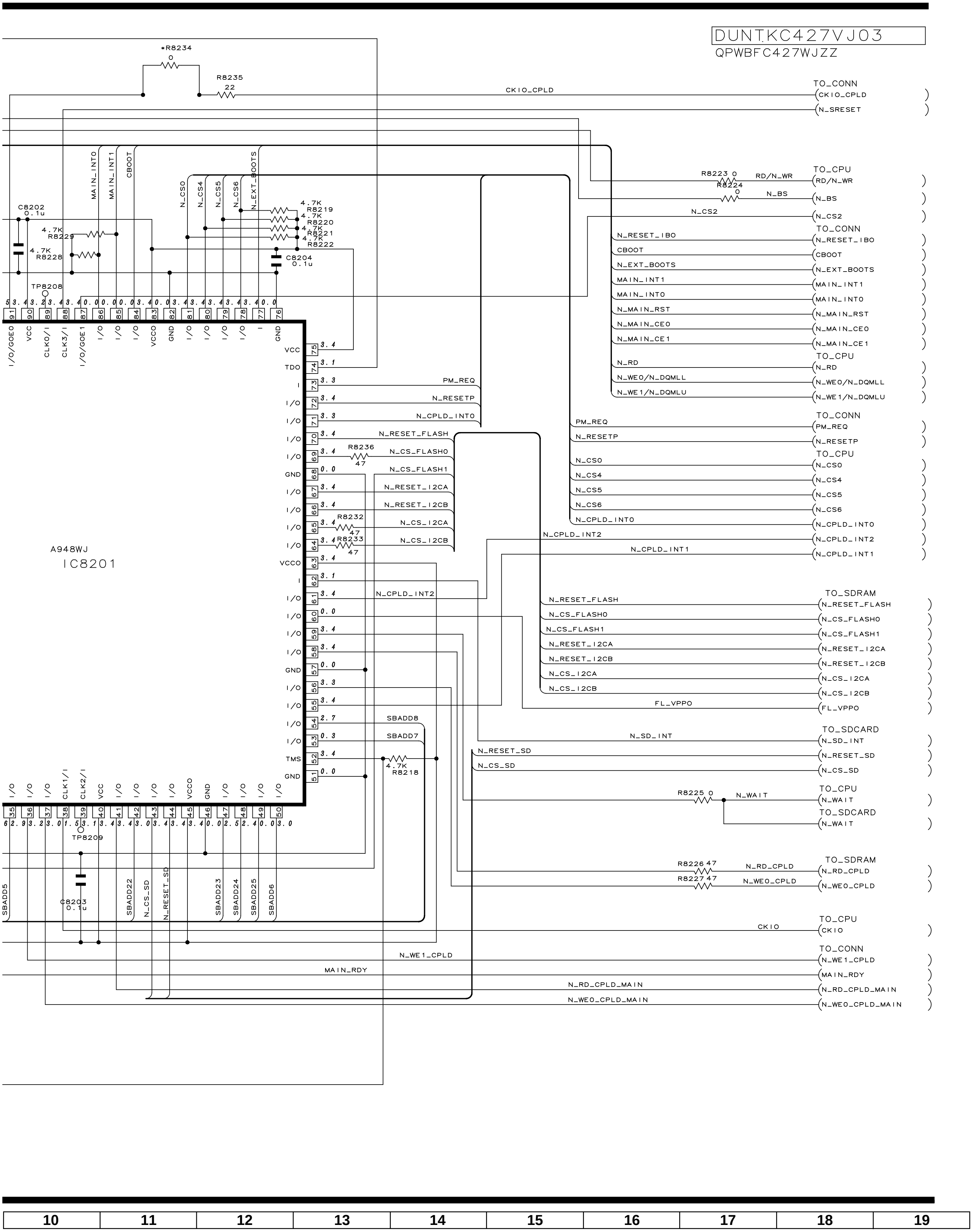

TO_CONN
D3V3
D1V9
FB8101 0237TA
FB8102 0237TA
CKZ C8122 4.7u
CKZ C8123 4.7u
*R8133 10K
*R8134 10K
*R8137 10K
*R8139 10K
*R8141 10K
*R8142 10K
*R8118 4.7K
R8114 4.7K
R8115 4.7K
IBO_IRQ
N_INT_I2CB
N_INT_I2CA
N_CPLD_INT1
N_CPLD_INT0
N_CPLD_INT2
AN3/PTJ3
AN2/PTJ2
AN1/PTJ1
AN0/PTJ0
CA
NMI
N_RESETM
N_RESETP
R8165 4.7K
R8166 4.7K
R8172 4.7K
R8173 4.7K
C8107 0.1u
C8110 0.1u
C8112 0.1u
RXD2
RXD0
R8110
R8111
TP8139
*R8179 4.7K
AVss
AVcc
AN[3]/PTJ[3]
AN[2]/PTJ[2]
AN[1]/PTJ[1]
AN[0]/PTJ[0]
MD5
MD4
MD3
MD2
MD0
PTG[5]
PTH[6]
PTH[5]
PTG[4]
VccQ
VssQ
IRQ4
IRQ3
IRQ2
IRQ1
IRQ0
Vcc
Vss
N_CTS2/IRQ5
RxD2
RxD0
N_RTS2
Vcc-RTC
XTAL2
EXTAL2
Vss-RTC
D31
D30
D29
D28
D27
D26
D25
D24
D23
D22
D21
D20
D19
D18
D17
D16
D15
D14
D13
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
D1
D0
C8103 0.1u
C8106 0.1u
C8104 0.1u
C8105 0.1u
TO_SDRAM
SBDAT31
SBDAT30
SBDAT29
SBDAT28
SBDAT27
SBDAT26
SBDAT25
SBDAT24
SBDAT23
SBDAT22
SBDAT21
SBDAT20
SBDAT19
SBDAT18
SBDAT17
SBDAT16
SBDAT15
SBDAT14
SBDAT13
SBDAT12
SBDAT11
SBDAT10
SBDAT9
SBDAT8
SBDAT7
SBDAT6
SBDAT5
SBDAT4
SBDAT3
SBDAT2
SBDAT1
SBDAT0
SBADD25
SBADD24
SBADD23
SBADD22
SBADD21
SBADD20
SBADD19
SBADD18
SBADD17
SBADD16
SBADD15
SBADD14
SBADD13
SBADD12
SBADD11
SBADD10
SBADD9
SBADD8
SBADD7
SBADD6
SBADD5
SBADD4
SBADD3
SBADD2
SBADD1
A817WJ
IC8101
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
A15
A16
A17
A18
A19
A20
A21
A22
A23
A24
A25
N_BS
TP8141
C8108 0.1u
C8109 0.1u
C8111 0.1u
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


DUNTKC427VJ03
QPWBFC427WJZZ
TO_SDCARD
SD_PWR
R8113
TO_CPLD
N_CPLD_INT1
N_CPLD_INT2
N_CPLD_INT0
TO_SDRAM
N_INT_I2CA
N_INT_I2CB
TO_CONN
IBO_IRQ
N_RESETP
LNBCONT
R8180 1.5K CY
R8181 1.5K CY
D8101 A018WJ
D8102 A018WJ
TP8115
12.288MHz X8102 CA045WJ
R8145 0 CY
R8147 10M
TL8101
TL8102
C8115 33P
C8119 27P
R8150 10 CY
FB8103 0237TA
Max 3A
C8117 470P
C8118 470P
C8120 0.1u
C8121 0.1u
R8149
R8151 10
C8116 0.1u
C8112
C8111 0.1u
C8113 0.1u
C8114 0.1u
EXTAL
XTAL
Vss
MD1
Vcc-PLL2
CAP2
Vss-PLL2
Vss-PLL1
CAP1
Vcc-PLL1
N_ASEMD0
N_ASEBRKAK
TDO
N_TRST
TMS
Vcc
TCK
TDI
PTF[4]
PTF[3]
PTF[2]
PTF[1]
PTF[0]
PTE[3]
PTE[2]
PTE[1]
PTE[0]
N_WAIT
N_BREQ
N_BACK
N_IOIS16/PTD[5]
CKE
N_CASU
N_CASL
N_RASU
N_RASL
VccQ
N_CE2B/PTD[7]
VssQ
N_CE2A/PTD[6]
N_CS6
N_CS5
N_CS4
IRQ0
N_RESETM
N_CTS2/IRQ5
RxD2
RxD0
N_RTS2
SCK2
TxD2
SCK0
TxD0
CKIO
N_IRQOUT/PTE[7]
TCLK/PTE[6]
STATUS1/PTE[5]
STATUS0/PTE[4]
A21
A22
A23
A24
A25
N_BS
N_RD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
N_WE2/N_DQMUL
N_WE3/N_DQMUU
RD/N_WR
N_CS0
N_CS2
N_CS3
SBADD21
SBADD22
SBADD23
SBADD24
SBADD25
R8107 4.7K
R8157 4.7K
R8109 47
R8118 4.7K
R8114 4.7K
R8115 4.7K
R8116 4.7K
R8117 4.7K
R8156 4.7K
R8157 10K
R8110
R8111
R8112
R8148
TP8139
TP8138
TP8140
R8128 4.7K
R8126 4.7K
R8124 4.7K
R8154 4.7K
R8122 4.7K
R8152 4.7K
R8120 4.7K
AN0/PTJ0
AN1/PTJ1
AN2/PTJ2
AN3/PTJ3
CA
NMI
N_RESETM
TP8101
TP8102
TP8103
TP8104
TP8105
TP8106
TP8107
RXD2
RXD0
TXD2
TXD0
TCK
N_TRST
TDO
N_ASEBRKAK
TMS
TDI
N_ASEMD0
R8182 0
R8183 22
R8164 0
CKIO_SDCARD
R8159 4.7K
R8160 4.7K
R8161 4.7K
R8162 4.7K
R8163 4.7K
R8170 4.7K
R8106 1K
R8105 0
R8119 0
R8108 4.7K
TP8132
TP8131
TP8118
TP8143
TP8144
TP8129
TP8130
N_WAIT
N_BS
RD/N_WR
CKIO
N_CS0
N_CS4
N_CS5
N_CS6
N_CS2
N_CS3
CKE
N_CASL
N_RASL
N_WE2/N_DQMUL
N_WE3/N_DQMUU
N_WE0/N_DQMLL
N_WE1/N_DQMLU
N_RD
10
11
12
13
14
15
16
17
18
19

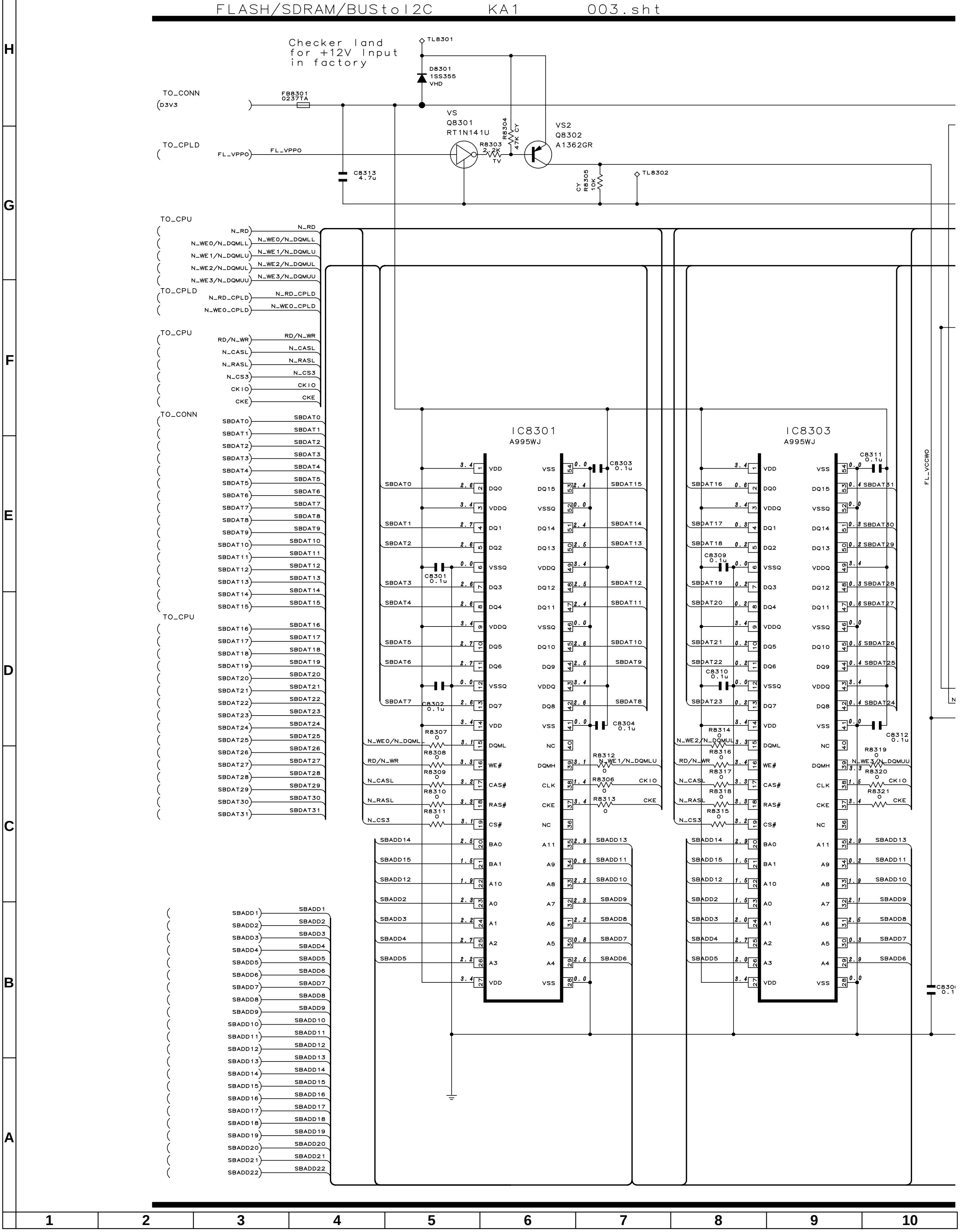
CPU Unit-2/5

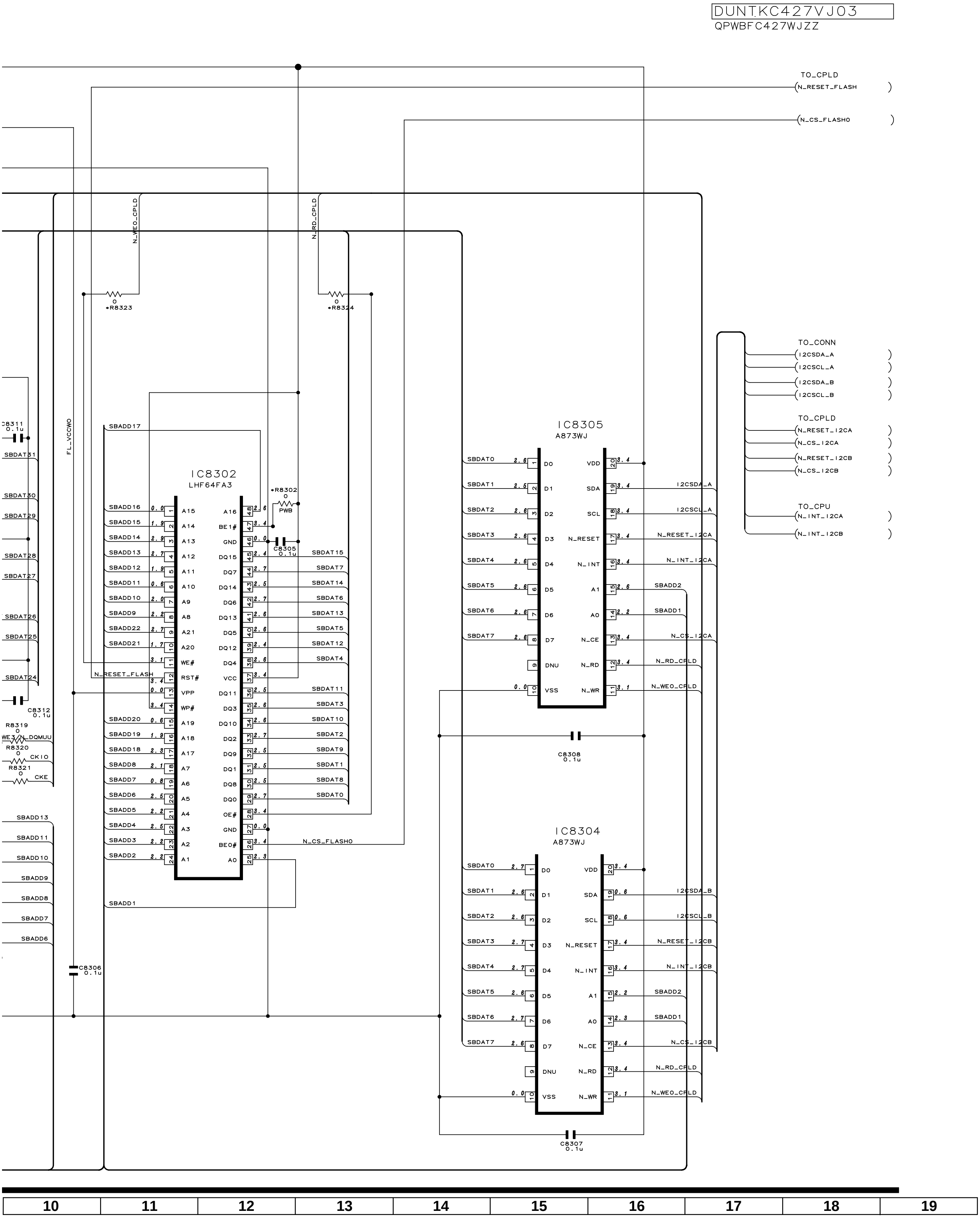
CPLD KA1 002.sht


TO_CONN
D3V3
FB8201
0237TA
TO_CONN
SBDAT0
SBDAT1
SBDAT2
SBDAT3
SBDAT4
SBDAT5
SBDAT6
SBDAT7
SBDAT8
SBDAT9
SBDAT10
SBDAT11
SBDAT12
SBDAT13
SBDAT14
SBDAT15
TO_CONN
SBADD1
SBADD2
SBADD3
SBADD4
SBADD5
SBADD6
SBADD7
SBADD8
SBADD22
SBADD23
SBADD24
SBADD25
C8205
4.7u
C8201
0.1u
C8202
0.1u
C8203
0.1u
R8201
R8202
R8203
R8204
R8205
R8206
R8207
R8208
R8209
R8210
R8211
R8212
R8213
R8214
R8215
R8216
R8217
4.7K
R8228
4.7K
R8229
4.7K
R8230
47
R8231
47
TP8208
TP8209
N_RESET_IBO
N_MAIN_RST
N_MAIN_CE0
N_MAIN_CE1
N_RD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
MAIN_INT0
GND
TDI
I/O
VCCO
TCK
VCC
I/O/GOE0
CLK0/I
CLK3/I
I/O/GOE1
CLK1/I
CLK2/I
A948WJ
IC82
P8201
N0056CE
PROGRAM-PORT
TCK 1
GND 2
TDO 3
+3.3V 4
TMS 5
TDI 6
NC
TL8201
TL8202
TL8203
TL8204
TL8205
TL8206
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


DUNTKC427VJ03
QPWBFC427WJZZ
*R8234
0
R8235
22
CKIO_CPLD
TO_CONN
CKIO_CPLD
N_SRESET
MAIN_INT0
MAIN_INT1
CBOOT
N_CS0
N_CS4
N_CS5
N_CS6
N_EXT_BOOTS
C8202
0.1u
4.7K
R8219
4.7K
R8220
4.7K
R8221
4.7K
R8222
4.7K
R8229
4.7K
R8228
C8204
0.1u
TP8208
R8223 0
RD/N_WR
R8224
0
N_BS
N_CS2
TO_CPU
RD/N_WR
N_BS
N_CS2
TO_CONN
N_RESET_IBO
CBOOT
N_EXT_BOOTS
MAIN_INT1
MAIN_INT0
N_MAIN_RST
N_MAIN_CE0
N_MAIN_CE1
TO_CPU
N_RD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
TO_CONN
PM_REQ
N_RESETP
TO_CPU
N_CS0
N_CS4
N_CS5
N_CS6
N_CPLD_INT0
N_CPLD_INT2
N_CPLD_INT1
I/O/GOE0
VCC
CLK0/I
CLK3/I
I/O/GOE1
I/O
VCCO
GND
I
VCC
TDO
TMS
PM_REQ
N_RESETP
N_CPLD_INT0
N_RESET_FLASH
R8236
47
N_CS_FLASH0
N_CS_FLASH1
N_RESET_I2CA
N_RESET_I2CB
R8232
47
N_CS_I2CA
R8233
47
N_CS_I2CB
A948WJ
IC8201
N_CPLD_INT2
SBADD8
SBADD7
4.7K
R8218
TO_SDRAM
N_RESET_FLASH
N_CS_FLASH0
N_CS_FLASH1
N_RESET_I2CA
N_RESET_I2CB
N_CS_I2CA
N_CS_I2CB
FL_VPPO
TO_SDCARD
N_SD_INT
N_RESET_SD
N_CS_SD
R8225 0
N_WAIT
TO_CPU
N_WAIT
TO_SDCARD
N_WAIT
CLK1/I
CLK2/I
TP8209
C8203
0.1u
SBADD5
SBADD22
N_CS_SD
N_RESET_SD
SBADD23
SBADD24
SBADD25
SBADD6
R8226 47
N_RD_CPLD
R8227 47
N_WE0_CPLD
TO_SDRAM
N_RD_CPLD
N_WE0_CPLD
CKIO
TO_CPU
CKIO
N_WE1_CPLD
MAIN_RDY
N_RD_CPLD_MAIN
N_WE0_CPLD_MAIN
TO_CONN
N_WE1_CPLD
MAIN_RDY
N_RD_CPLD_MAIN
N_WE0_CPLD_MAIN
10
11
12
13
14
15
16
17
18
19

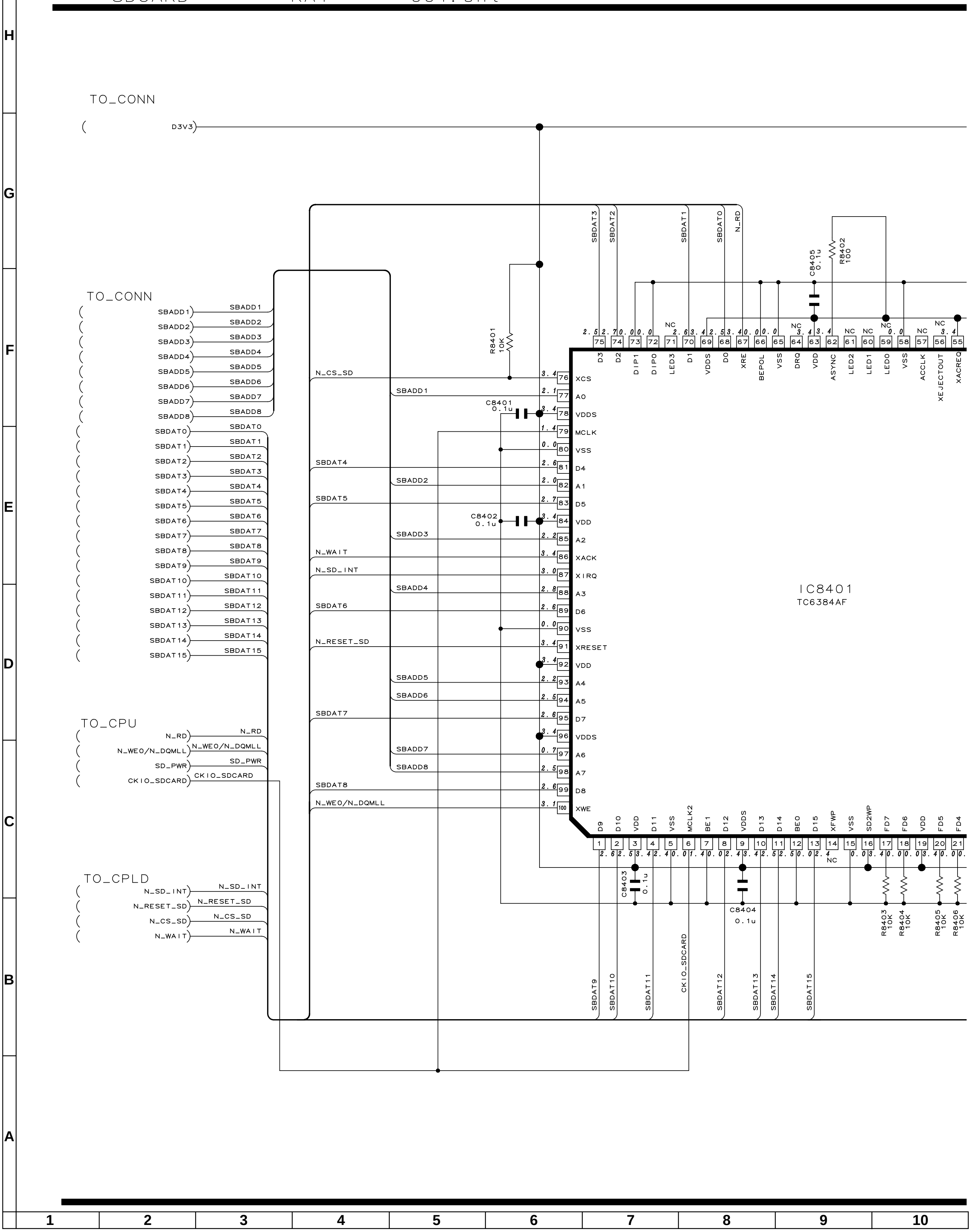
■ CPU Unit-3/5

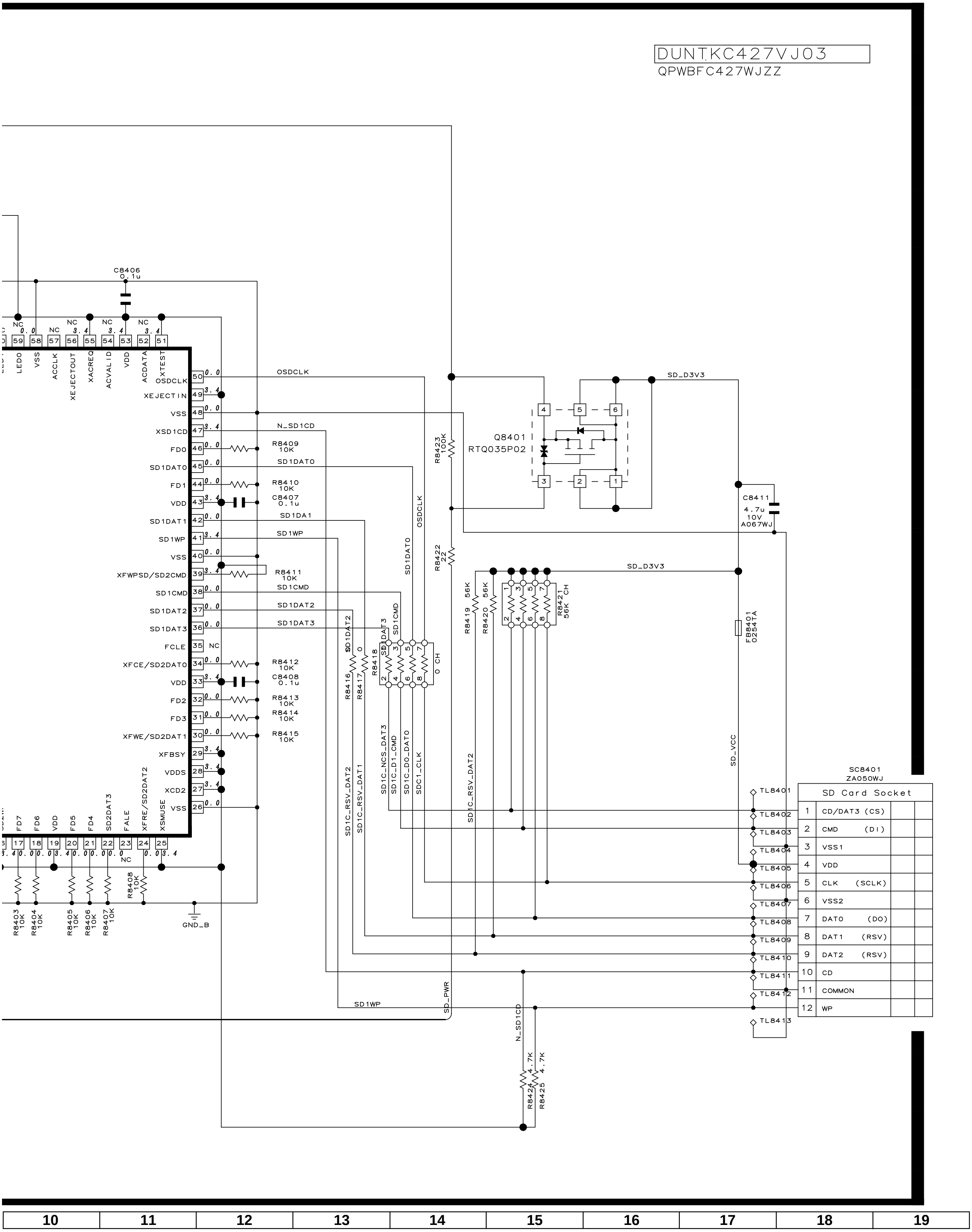

FLASH/SDRAM/BUStoI2C
KA1
003.sht
Checker land
for +12V Input
in factory
TL8301
D8301
1SS355
VHD
TO_CONN
D3V3
FB8301
0237TA
VS
Q8301
RT1N141U
R8304
47K CY
VS2
Q8302
A1362GR
TO_CPLD
FL_VPPO
R8303
2.2K
TV
C8313
4.7u
CY
R8305
10K
TL8302
TO_CPU
N_RD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
N_WE2/N_DQMUL
N_WE3/N_DQMUU
N_RD_CPLD
N_WE0_CPLD
RD/N_WR
N_CASL
N_RASL
N_CS3
CKIO
CKE
SBDAT0
SBDAT1
SBDAT2
SBDAT3
SBDAT4
SBDAT5
SBDAT6
SBDAT7
SBDAT8
SBDAT9
SBDAT10
SBDAT11
SBDAT12
SBDAT13
SBDAT14
SBDAT15
SBDAT16
SBDAT17
SBDAT18
SBDAT19
SBDAT20
SBDAT21
SBDAT22
SBDAT23
SBDAT24
SBDAT25
SBDAT26
SBDAT27
SBDAT28
SBDAT29
SBDAT30
SBDAT31
SBADD1
SBADD2
SBADD3
SBADD4
SBADD5
SBADD6
SBADD7
SBADD8
SBADD9
SBADD10
SBADD11
SBADD12
SBADD13
SBADD14
SBADD15
SBADD16
SBADD17
SBADD18
SBADD19
SBADD20
SBADD21
SBADD22
IC8301
A995WJ
IC8303
A995WJ
VDD
DQ0
VDDQ
DQ1
DQ2
VSSQ
DQ3
DQ4
DQ5
DQ6
DQ7
DQML
WE#
CAS#
RAS#
CS#
BA0
BA1
A10
A0
A1
A2
A3
VSS
DQ15
DQ14
DQ13
DQ12
DQ11
DQ10
DQ9
DQ8
NC
DQMH
CLK
A11
A9
A8
A7
A6
A5
A4
C8301
0.1u
C8302
0.1u
C8303
0.1u
C8304
0.1u
C8309
0.1u
C8310
0.1u
C8311
0.1u
C8312
0.1u
R8306
R8307
R8308
R8309
R8310
R8311
R8312
R8313
R8314
R8315
R8316
R8317
R8318
R8319
R8320
R8321
FL_VCCWO
C830
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


DUNTKC427VJ03
QPWBFC427WJZZ
TO_CPLD
N_RESET_FLASH
N_CS_FLASH0
N_WE0_CPLD
N_RD_CPLD
*R8323
*R8324
0
FL_VCCW0
C8311
0.1u
SBADD17
IC8302
LHF64FA3
*R8302
PWB
C8305
0.1u
A15
A14
A13
A12
A11
A10
A9
A8
A21
A20
WE#
RST#
VPP
WP#
A19
A18
A17
A7
A6
A5
A4
A3
A2
A1
A16
BE1#
GND
DQ15
DQ7
DQ14
DQ6
DQ13
DQ5
DQ12
DQ4
VCC
DQ11
DQ3
DQ10
DQ2
DQ9
DQ1
DQ8
DQ0
OE#
BE0#
A0
SBADD16
SBADD15
SBADD14
SBADD13
SBADD12
SBADD11
SBADD10
SBADD9
SBADD22
SBADD21
N_RESET_FLASH
SBADD20
SBADD19
SBADD18
SBADD8
SBADD7
SBADD6
SBADD5
SBADD4
SBADD3
SBADD2
SBADD1
SBDAT15
SBDAT7
SBDAT14
SBDAT6
SBDAT13
SBDAT5
SBDAT12
SBDAT4
SBDAT11
SBDAT3
SBDAT10
SBDAT2
SBDAT9
SBDAT1
SBDAT8
SBDAT0
N_CS_FLASH0
SBDAT31
SBDAT30
SBDAT29
SBDAT28
SBDAT27
SBDAT26
SBDAT25
SBDAT24
C8312
0.1u
R8319
WE3/N_DQMUU
R8320
CKIO
R8321
CKE
C8306
0.1u
TO_CONN
I2CSDA_A
I2CSCL_A
I2CSDA_B
I2CSCL_B
TO_CPLD
N_RESET_I2CA
N_CS_I2CA
N_RESET_I2CB
N_CS_I2CB
TO_CPU
N_INT_I2CA
N_INT_I2CB
IC8305
A873WJ
IC8304
A873WJ
D0
D1
D2
D3
D4
D5
D6
D7
DNU
VSS
VDD
SDA
SCL
N_RESET
N_INT
A1
A0
N_CE
N_RD
N_WR
SBDAT0
SBDAT1
SBDAT2
SBDAT3
SBDAT4
SBDAT5
SBDAT6
SBDAT7
I2CSDA_A
I2CSCL_A
N_RESET_I2CA
N_INT_I2CA
N_CS_I2CA
I2CSDA_B
I2CSCL_B
N_RESET_I2CB
N_INT_I2CB
N_CS_I2CB
SBADD2
SBADD1
N_RD_CPLD
N_WE0_CPLD
C8308
0.1u
C8307
0.1u
10
11
12
13
14
15
16
17
18
19

■ CPU Unit-4/5

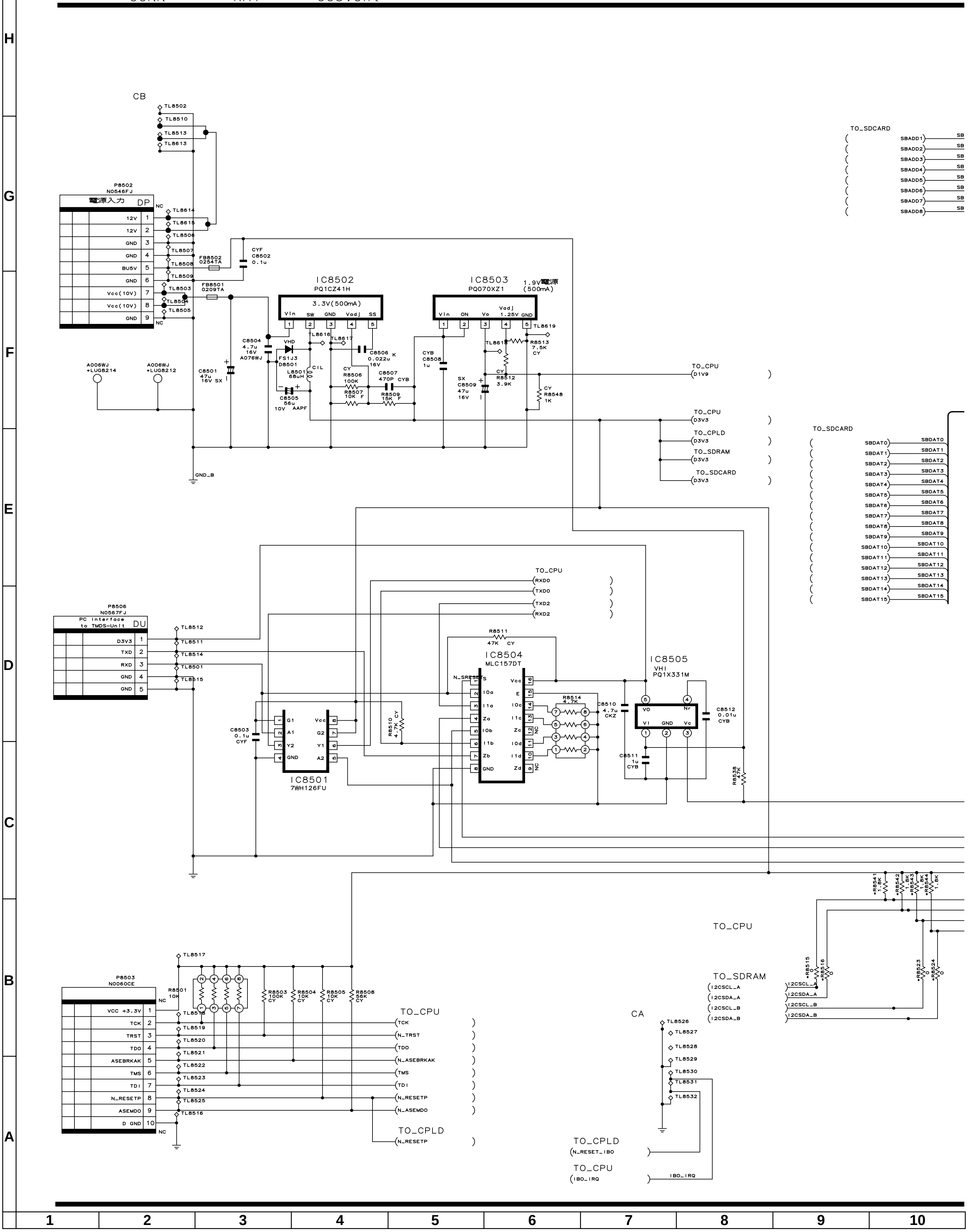
SDCARD KA1 004.sht

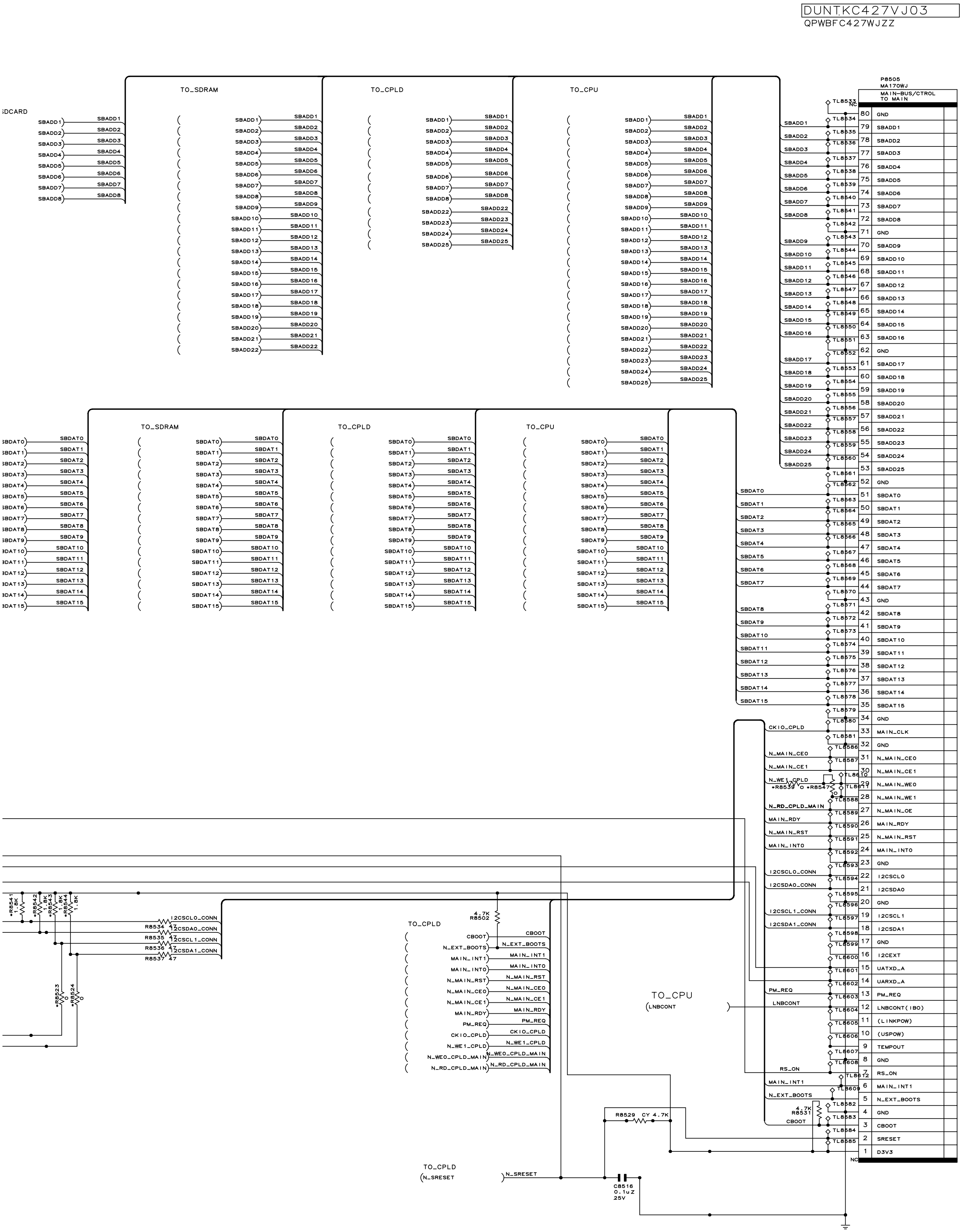

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
TO_CONN
D3V3
TO_CONN
SBADD1
SBADD2
SBADD3
SBADD4
SBADD5
SBADD6
SBADD7
SBADD8
SBDAT0
SBDAT1
SBDAT2
SBDAT3
SBDAT4
SBDAT5
SBDAT6
SBDAT7
SBDAT8
SBDAT9
SBDAT10
SBDAT11
SBDAT12
SBDAT13
SBDAT14
SBDAT15
TO_CPU
N_RD
N_WE0/N_DQMLL
SD_PWR
CKIO_SDCARD
TO_CPLD
N_SD_INT
N_RESET_SD
N_CS_SD
N_WAIT
R8401 10K
C8401 0.1u
C8402 0.1u
C8403 0.1u
C8404 0.1u
C8405 0.1u
R8402 100
R8403 10K
R8404 10K
R8405 10K
R8406 10K
IC8401
TC6384AF
76 XCS
77 A0
78 VDDS
79 MCLK
80 VSS
81 D4
82 A1
83 D5
84 VDD
85 A2
86 XACK
87 XIRQ
88 A3
89 D6
90 VSS
91 XRESET
92 VDD
93 A4
94 A5
95 D7
96 VDDS
97 A6
98 A7
99 D8
100 XWE
75 D3
74 D2
73 DIP1
72 DIP0
71 LED3
70 D1
69 VDDS
68 D0
67 XRE
66 BEPOL
65 VSS
64 DRQ
63 VDD
62 ASYNC
61 LED2
60 LED1
59 LED0
58 VSS
57 ACCLK
56 XEJECTOUT
55 XACREQ
1 D9
2 D10
3 VDD
4 D11
5 VSS
6 MCLK2
7 BE1
8 D12
9 VDDS
10 D13
11 D14
12 BE0
13 D15
14 XFWP
15 VSS
16 SD2WP
17 FD7
18 FD6
19 VDD
20 FD5
21 FD4
NC
SBDAT3
SBDAT2
SBDAT1
SBDAT0
N_RD
SBDAT9
SBDAT10
SBDAT11
CKIO_SDCARD
SBDAT12
SBDAT13
SBDAT14
SBDAT15
3.4
2.1
1.4
0.0
2.6
2.0
2.7
2.2
3.0
2.8
2.5
0.7
3.1


DUNTKC427VJ03
QPWBFC427WJZZ
C8406 0.1u
LED0
VSS
ACCLK
XEJECTOUT
XACREQ
ACVALID
VDD
ACDATA
XTEST
OSDCLK
XEJECTIN
VSS
XSD1CD
FD0
SD1DAT0
FD1
VDD
SD1DAT1
SD1WP
VSS
XFWPSD/SD2CMD
SD1CMD
SD1DAT2
SD1DAT3
FCLE
XFCE/SD2DAT0
VDD
FD2
FD3
XFWE/SD2DAT1
XFBSY
VDDS
XCD2
VSS
FD7
FD6
VDD
FD5
FD4
SD2DAT3
FALE
XFRE/SD2DAT2
XSMUSE
NC
OSDCLK
N_SD1CD
R8409 10K
SD1DAT0
R8410 10K
C8407 0.1u
SD1DA1
SD1WP
R8411 10K
SD1CMD
SD1DAT2
SD1DAT3
R8412 10K
C8408 0.1u
R8413 10K
R8414 10K
R8415 10K
R8403 10K
R8404 10K
R8405 10K
R8406 10K
R8407 10K
R8408 10K
GND_B
SD_D3V3
Q8401
RTQ035P02
R8423 100K
R8422 22K
C8411 4.7u 10V A067WJ
R8419 56K
R8420 56K
R8421 56K CH
R8416
R8417
R8418 0 CH
FB8401 0254TA
SD_VCC
SD1C_NCS_DAT3
SD1C_D1_CMD
SD1C_D0_DAT0
SDC1_CLK
SD1C_RSV_DAT2
SD1C_RSV_DAT1
SD_PWR
N_SD1CD
R8424 4.7K
R8425 4.7K
TL8401
TL8402
TL8403
TL8404
TL8405
TL8406
TL8407
TL8408
TL8409
TL8410
TL8411
TL8412
TL8413
SC8401
ZA050WJ
SD Card Socket
1 CD/DAT3 (CS)
2 CMD (DI)
3 VSS1
4 VDD
5 CLK (SCLK)
6 VSS2
7 DAT0 (DO)
8 DAT1 (RSV)
9 DAT2 (RSV)
10 CD
11 COMMON
12 WP
10
11
12
13
14
15
16
17
18
19

CPU Unit-5/5

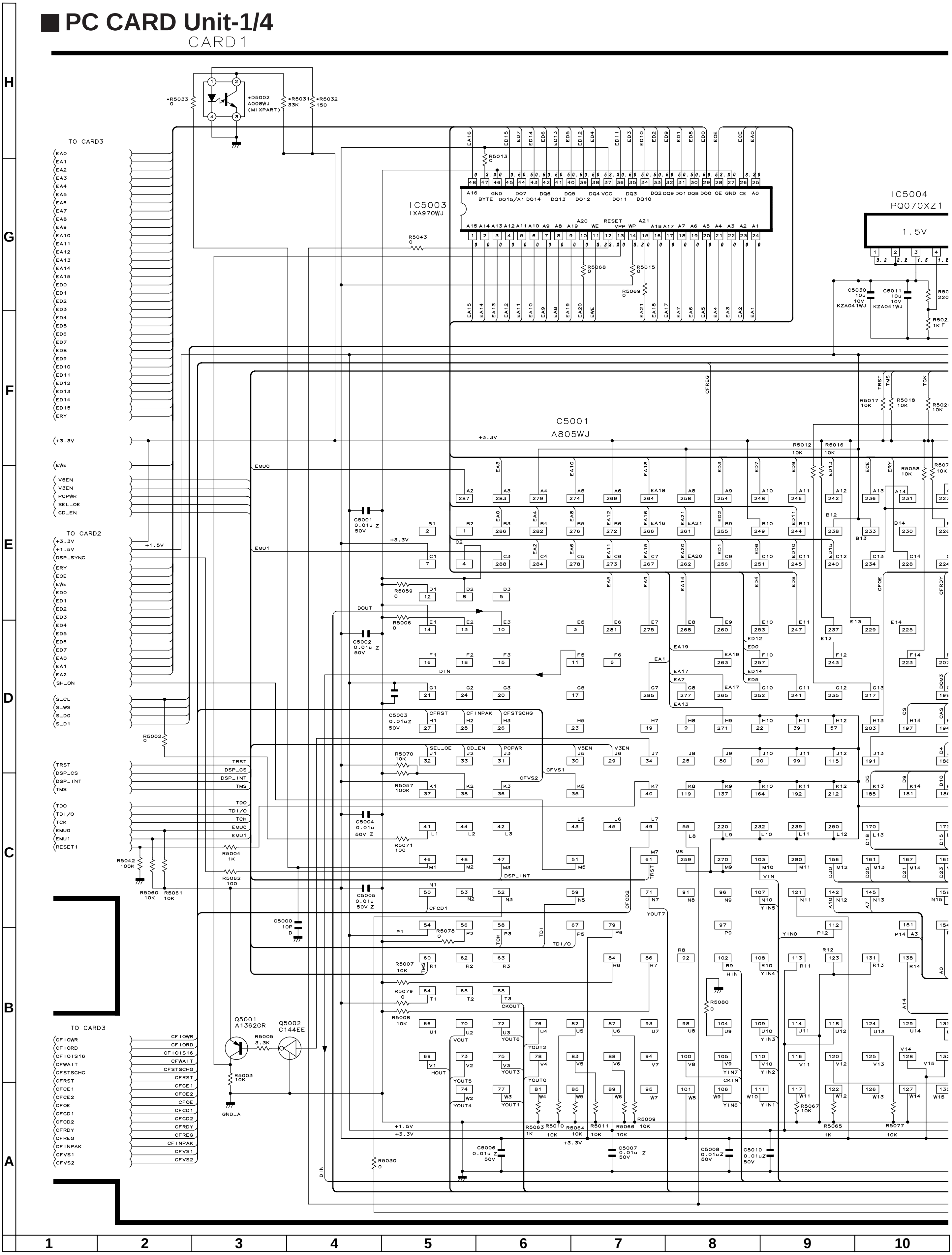
CONN KA1 005.sht

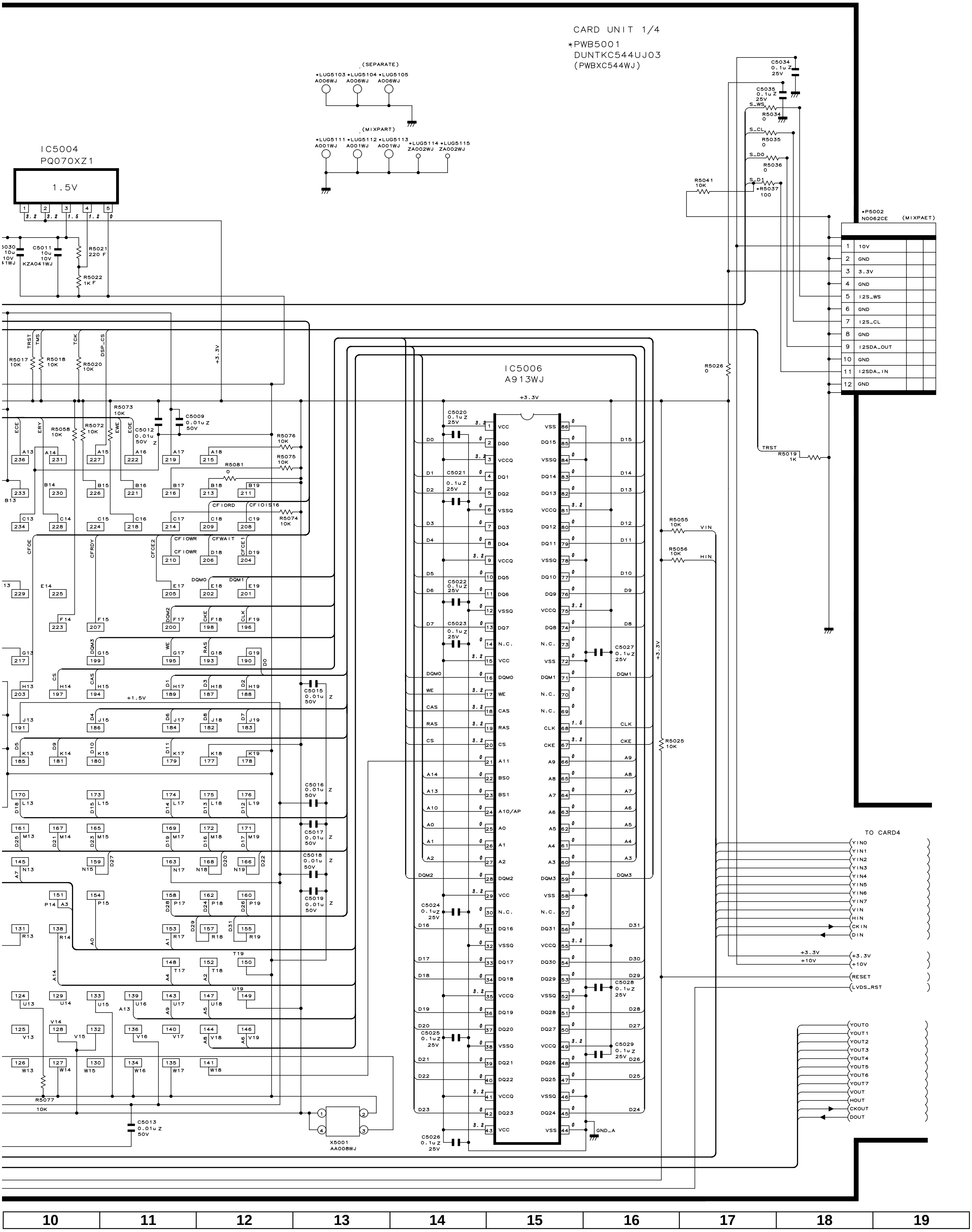

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
CB
TL8502
TL8510
TL8513
TL8613
P8502
N0546FJ
電源入力
DP
NC
12V 1
12V 2
GND 3
GND 4
BU5V 5
GND 6
Vcc(10V) 7
Vcc(10V) 8
GND 9
TL8614
TL8615
TL8506
TL8507
TL8508
TL8509
TL8503
TL8504
TL8505
FB8502
0254TA
FB8501
0209TA
CYF
C8502
0.1u
IC8502
PQ1CZ41H
3.3V(500mA)
Vin SW GND Vadj SS
IC8503
PQ070XZ1
1.9V電源
(500mA)
Vin ON Vo Vadj 1.25V GND
TL8619
TL8616
TL8617
TL8618
C8504
4.7u
16V
A076WJ
VHD
FS1J3
D8501
L8501
68uH
CIL
C8505
56u
10V
AAPF
C8506
0.022u
16V
K
R8506
100K
CY
R8507
10K F
C8507
470P CYB
R8509
15K F
CYB
C8508
1u
SX
C8509
47u
16V
R8513
7.5K
CY
R8512
3.9K
R8548
1K
C8501
47u
16V SX
A006WJ
•LUG8214
A006WJ
•LUG8212
GND_B
TO_CPU
D1V9
TO_CPU
D3V3
TO_CPLD
D3V3
TO_SDRAM
D3V3
TO_SDCARD
D3V3
TO_SDCARD
SBADD1
SBADD2
SBADD3
SBADD4
SBADD5
SBADD6
SBADD7
SBADD8
SB
TO_SDCARD
SBDAT0
SBDAT1
SBDAT2
SBDAT3
SBDAT4
SBDAT5
SBDAT6
SBDAT7
SBDAT8
SBDAT9
SBDAT10
SBDAT11
SBDAT12
SBDAT13
SBDAT14
SBDAT15
TO_CPU
RXD0
TXD0
TXD2
RXD2
P8506
N0567FJ
PC Interface
to TMDS-Unit
DU
D3V3 1
TXD 2
RXD 3
GND 4
GND 5
TL8512
TL8511
TL8514
TL8501
TL8515
C8503
0.1u
CYF
IC8501
7WH126FU
G1 A1 Y2 GND Vcc G2 Y1 A2
R8510
4.7K
CY
R8511
47K CY
IC8504
MLC157DT
N_SRESETS
I0a I1a Za I0b I1b Zb GND Vcc E I0c I1c Zc I0d I1d Zd
NC
R8514
4.7K
C8510
4.7u
CKZ
IC8505
VHI
PQ1X331M
VO Nr VI GND Vc
C8512
0.01u
CYB
C8511
1u
CYB
R8538
47K
R8541
1.8K
R8542
1.8K
R8543
1.8K
R8544
1.8K
TO_CPU
TO_SDRAM
I2CSCL_A
I2CSDA_A
I2CSCL_B
I2CSDA_B
R8515
0
R8516
0
R8523
0
R8524
0
TL8517
P8503
N0060CE
NC
R8501
10K
VCC +3.3V 1
TCK 2
TRST 3
TDO 4
ASEBRKAK 5
TMS 6
TDI 7
N_RESETP 8
ASEMDO 9
D GND 10
TL8518
TL8519
TL8520
TL8521
TL8522
TL8523
TL8524
TL8525
TL8516
R8503
100K
CY
R8504
10K
CY
R8505
10K
CY
R8508
56K
CY
TO_CPU
TCK
N_TRST
TDO
N_ASEBRKAK
TMS
TDI
N_RESETP
N_ASEMDO
TO_CPLD
N_RESETP
CA
TL8526
TL8527
TL8528
TL8529
TL8530
TL8531
TL8532
TO_CPLD
N_RESET_IBO
TO_CPU
IBO_IRQ
IBO_IRQ


DUNTKC427VJ03
QPWBFC427WJZZ
TO_SDRAM
TO_CPLD
TO_CPU
SDCARD
P8505
MA170WJ
MAIN-BUS/CTROL TO MAIN
80 GND
79 SBADD1
78 SBADD2
77 SBADD3
76 SBADD4
75 SBADD5
74 SBADD6
73 SBADD7
72 SBADD8
71 GND
70 SBADD9
69 SBADD10
68 SBADD11
67 SBADD12
66 SBADD13
65 SBADD14
64 SBADD15
63 SBADD16
62 GND
61 SBADD17
60 SBADD18
59 SBADD19
58 SBADD20
57 SBADD21
56 SBADD22
55 SBADD23
54 SBADD24
53 SBADD25
52 GND
51 SBDAT0
50 SBDAT1
49 SBDAT2
48 SBDAT3
47 SBDAT4
46 SBDAT5
45 SBDAT6
44 SBDAT7
43 GND
42 SBDAT8
41 SBDAT9
40 SBDAT10
39 SBDAT11
38 SBDAT12
37 SBDAT13
36 SBDAT14
35 SBDAT15
34 GND
33 MAIN_CLK
32 GND
31 N_MAIN_CE0
30 N_MAIN_CE1
29 N_MAIN_WE0
28 N_MAIN_WE1
27 N_MAIN_OE
26 MAIN_RDY
25 N_MAIN_RST
24 MAIN_INT0
23 GND
22 I2CSCL0
21 I2CSDA0
20 GND
19 I2CSCL1
18 I2CSDA1
17 GND
16 I2CEXT
15 UATXD_A
14 UARXD_A
13 PM_REQ
12 LNBCONT(IBO)
11 (LINKPOW)
10 (USPOW)
9 TEMPOUT
8 GND
7 RS_ON
6 MAIN_INT1
5 N_EXT_BOOTS
4 GND
3 CBOOT
2 SRESET
1 D3V3
NC
CKIO_CPLD
N_WE1_CPLD
N_RD_CPLD_MAIN
N_WE0_CPLD_MAIN
I2CSCL0_CONN
I2CSDA0_CONN
I2CSCL1_CONN
I2CSDA1_CONN
R8534 47
R8535 47
R8536 47
R8537 47
R8541 1.8K
R8542 1.8K
R8543 1.8K
R8544 1.8K
R8523 0
R8524 0
R8539 0
R8547 0
4.7K R8502
4.7K R8531
R8529 CY 4.7K
C8516 0.1uZ 25V
LNBCONT
N_SRESET
TL8533–TL8612

■ PC CARD Unit-1/4

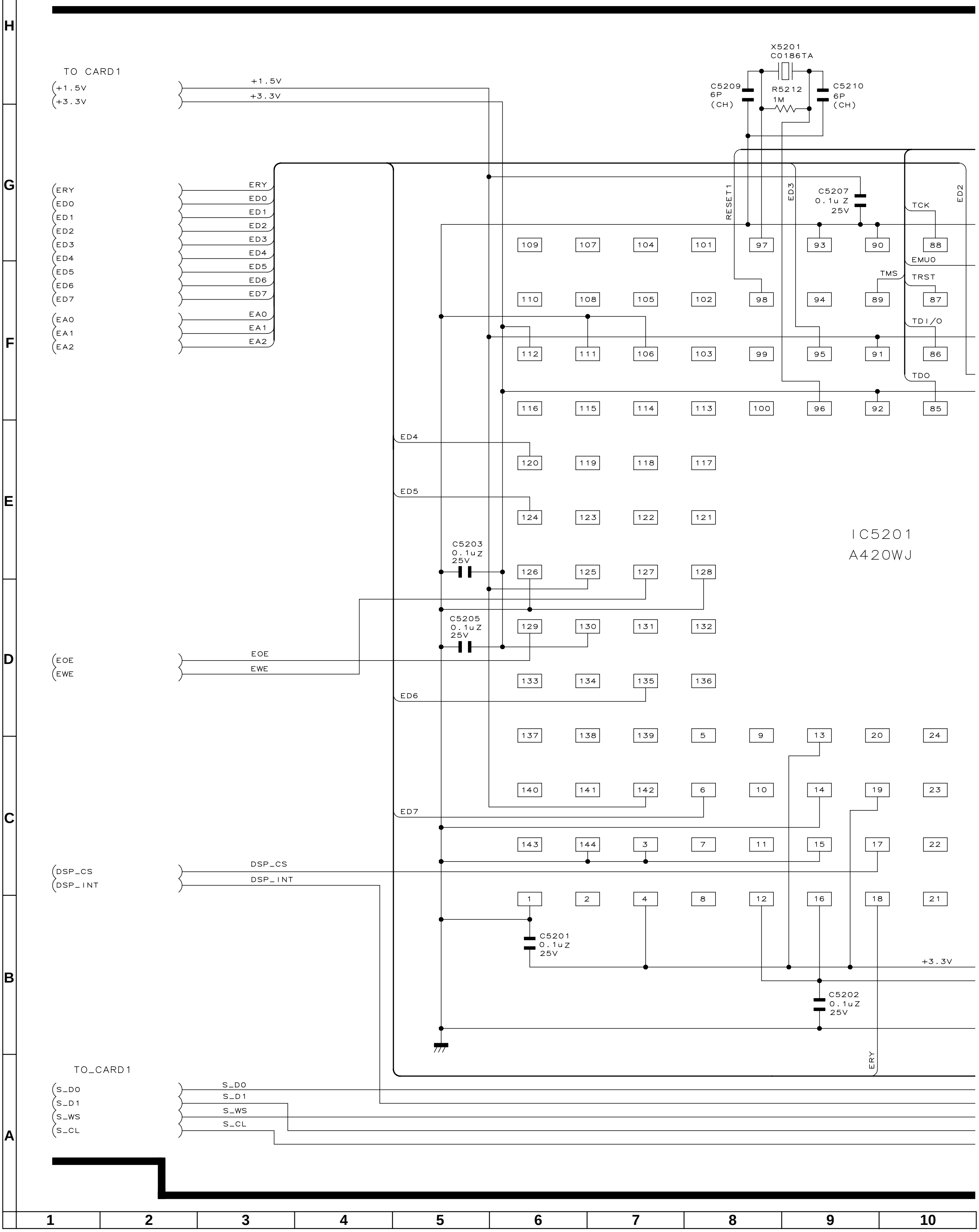
CARD1

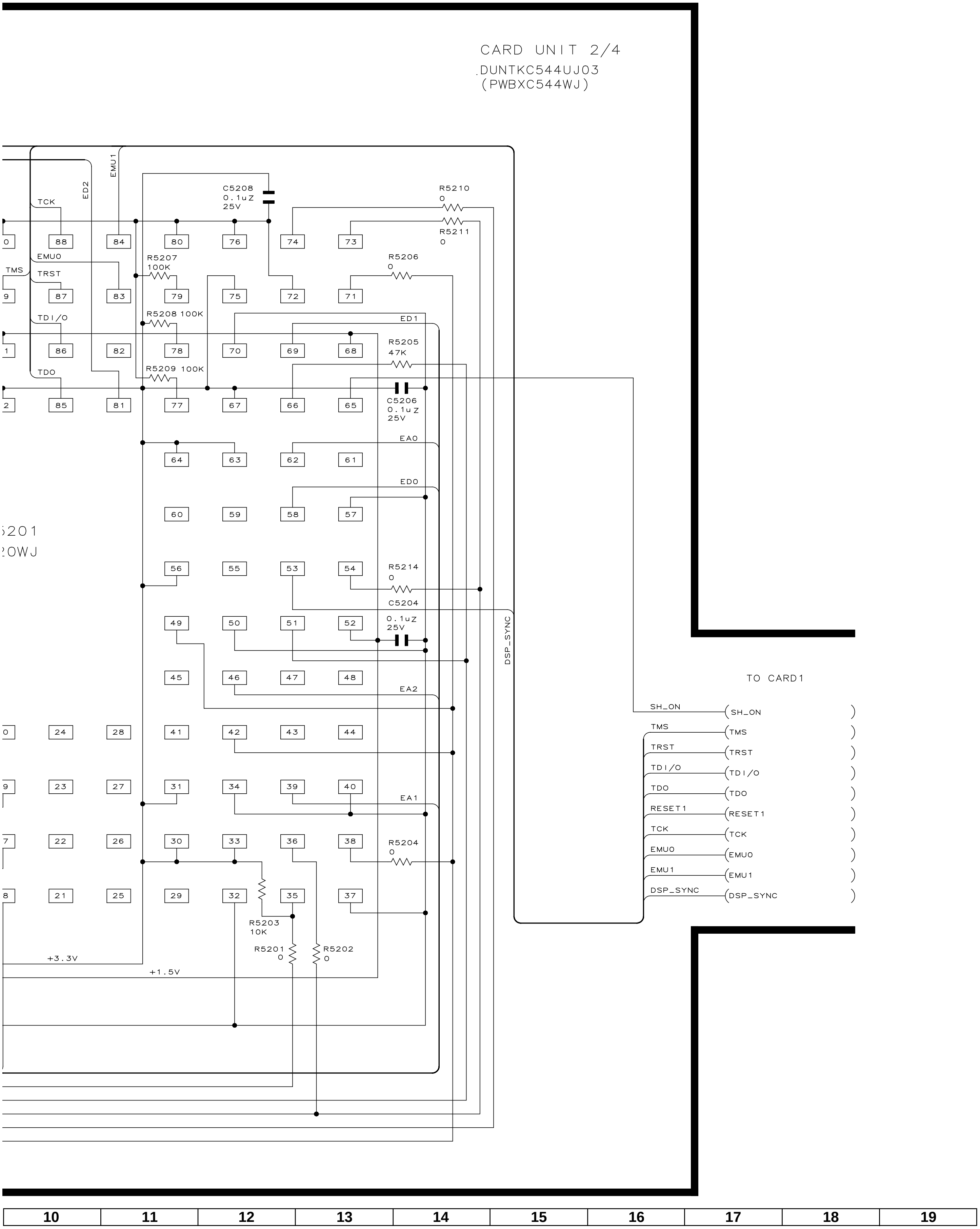

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
TO CARD3
TO CARD2
TO CARD3
IC5003
IXA970WJ
IC5004
PQ070XZ1
1.5V
IC5001
A805WJ
*D5002
A008WJ
(MIXPART)
*R5033
*R5031 33K
*R5032 150
Q5001
A1362GR
Q5002
C144EE
R5005 3.3K
R5003 10K
GND_A
C5000 10P
C5001 0.01u Z 50V
C5002 0.01u Z 50V
C5003 0.01uZ 50V
C5004 0.01u 50V Z
C5005 0.01u 50V Z
C5006 0.01u Z 50V
C5007 0.01u Z 50V
C5008 0.01uZ 50V
C5010 0.01uZ 50V
C5030 10u 10V KZA041WJ
C5011 10u 10V KZA041WJ
R5042 100K
R5060 10K
R5061 10K
R5002 0
R5004 1K
R5062 100
R5030 0
+3.3V
+1.5V
DIN
DOUT
EMU0
EMU1


CARD UNIT 1/4
*PWB5001
DUNTKC544UJ03
(PWBXC544WJ)
IC5004
PQ070XZ1
1.5V
IC5006
A913WJ
+3.3V
(SEPARATE)
(MIXPART)
*P5002
N0062CE
(MIXPAET)
1 10V
2 GND
3 3.3V
4 GND
5 I2S_WS
6 GND
7 I2S_CL
8 GND
9 I2SDA_OUT
10 GND
11 I2SDA_IN
12 GND
X5001
AA008WJ
GND_A
TO CARD4
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
YIN6
YIN7
VIN
HIN
CKIN
DIN
+3.3V
+10V
RESET
LVDS_RST
YOUT0
YOUT1
YOUT2
YOUT3
YOUT4
YOUT5
YOUT6
YOUT7
VOUT
HOUT
CKOUT
DOUT
10
11
12
13
14
15
16
17
18
19

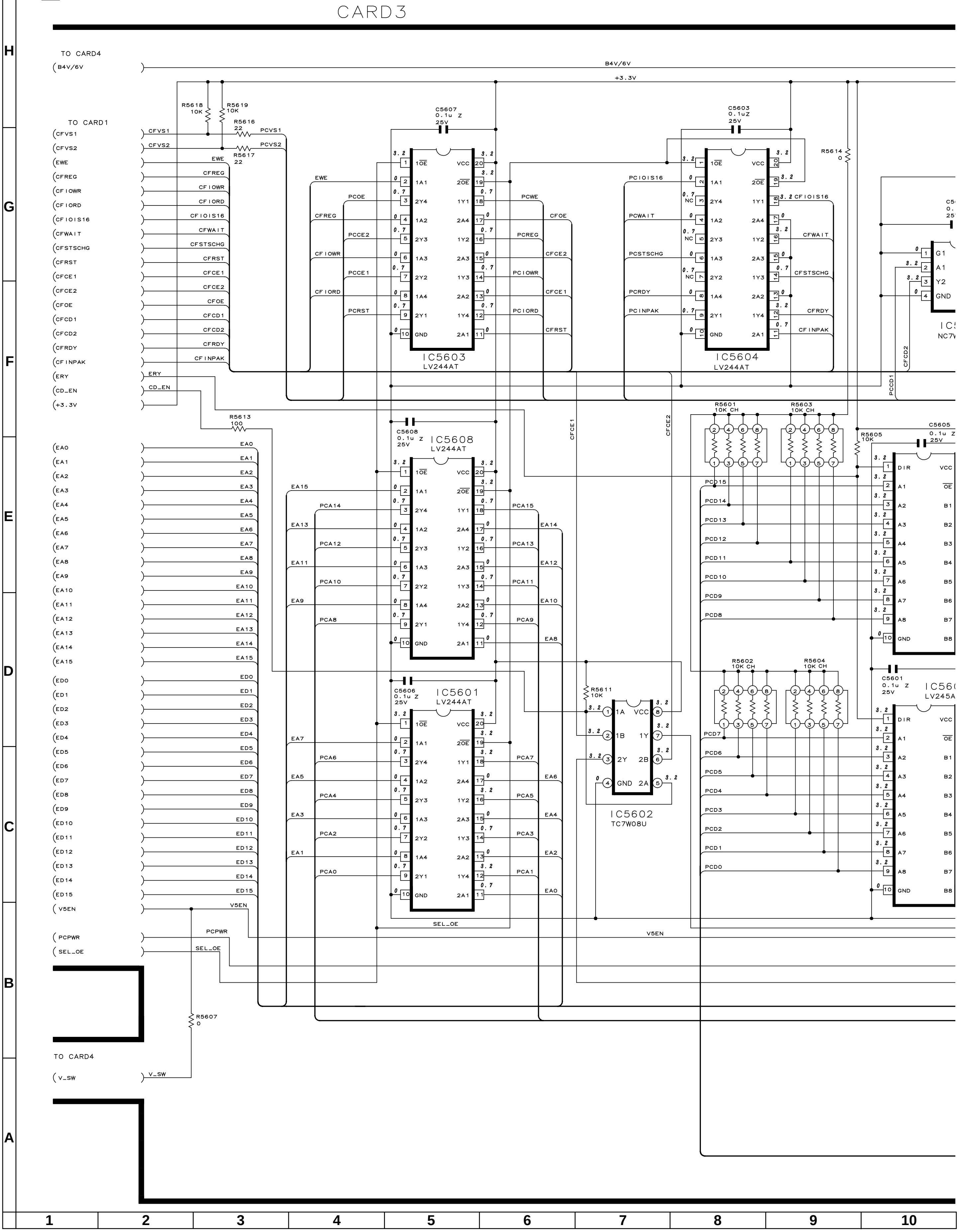
PC CARD Unit-2/4

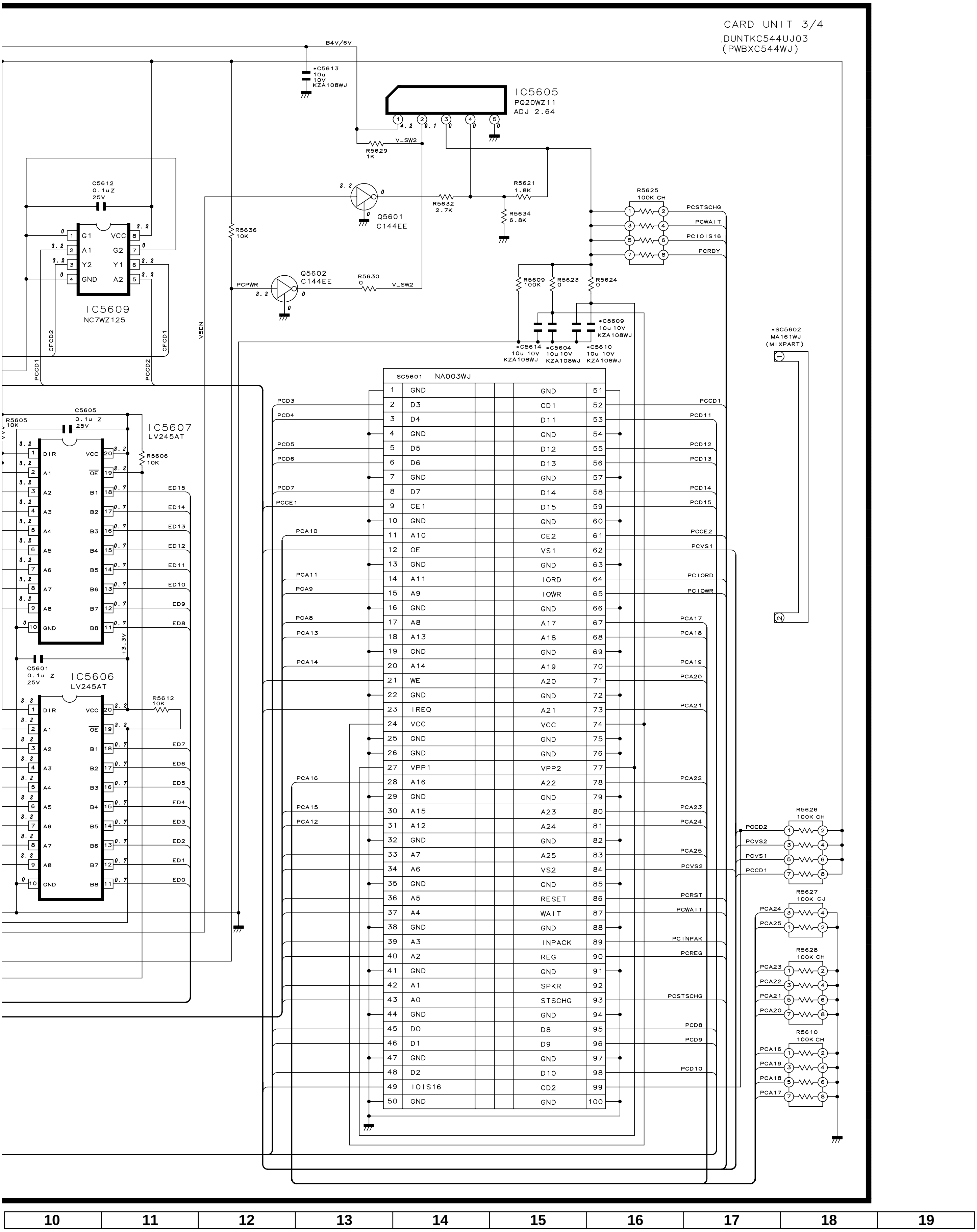
CARD2


TO CARD1
+1.5V
+3.3V
ERY
ED0
ED1
ED2
ED3
ED4
ED5
ED6
ED7
EA0
EA1
EA2
EOE
EWE
DSP_CS
DSP_INT
TO_CARD1
S_D0
S_D1
S_WS
S_CL
X5201
C0186TA
C5209
6P
(CH)
R5212
1M
C5210
6P
(CH)
RESET1
ED3
C5207
0.1u Z
25V
ED2
TCK
EMU0
TMS
TRST
TDI/O
TDO
C5203
0.1uZ
25V
C5205
0.1uZ
25V
C5201
0.1uZ
25V
C5202
0.1uZ
25V
IC5201
A420WJ
109 107 104 101 97 93 90 88
110 108 105 102 98 94 89 87
112 111 106 103 99 95 91 86
116 115 114 113 100 96 92 85
120 119 118 117
124 123 122 121
126 125 127 128
129 130 131 132
133 134 135 136
137 138 139 5 9 13 20 24
140 141 142 6 10 14 19 23
143 144 3 7 11 15 17 22
1 2 4 8 12 16 18 21
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

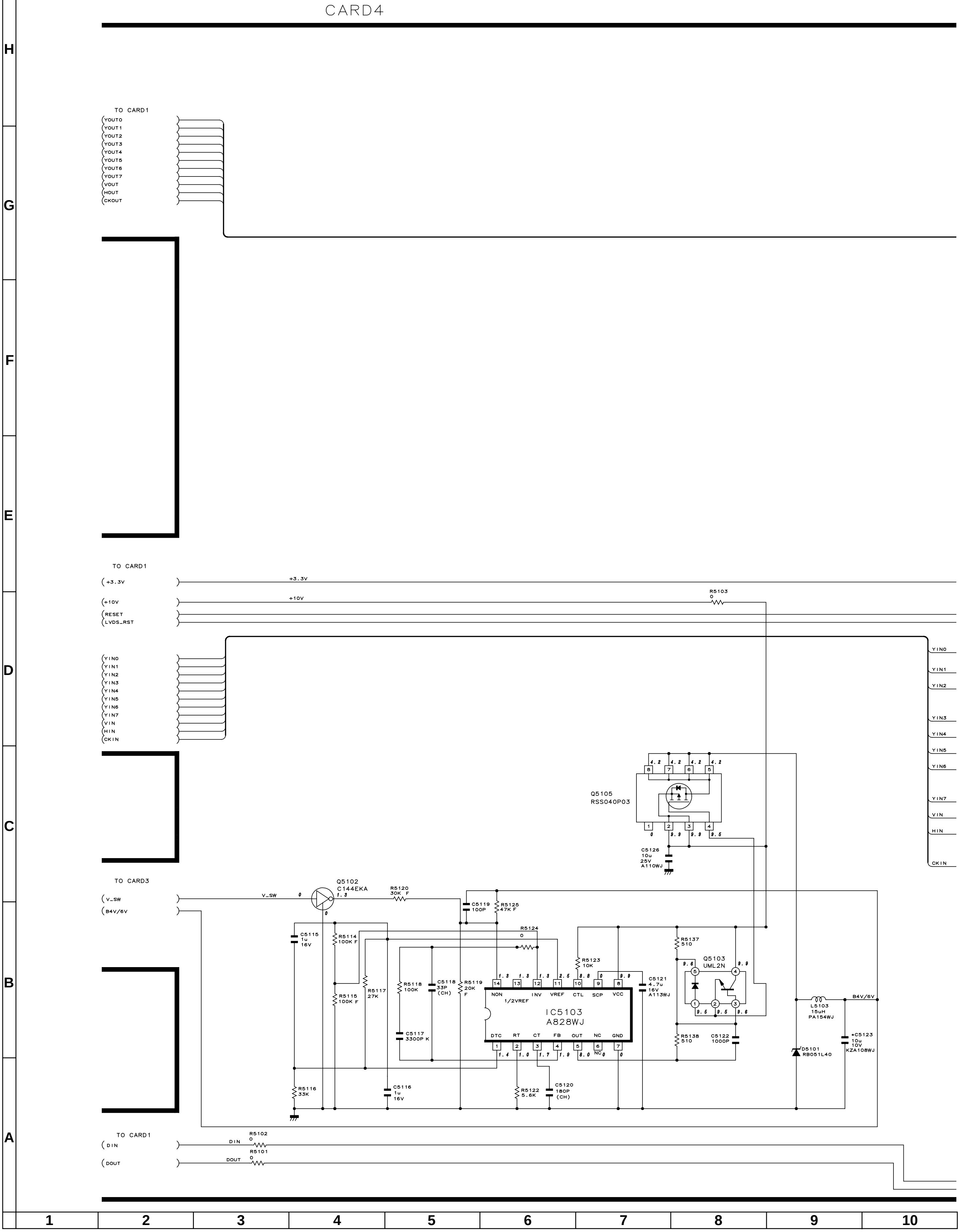

CARD UNIT 2/4
DUNTKC544UJ03
(PWBXC544WJ)
EMU1
ED2
TCK
EMU0
TMS
TRST
TDI/O
TDO
C5208
0.1uZ
25V
R5210
R5211
R5207
100K
R5206
R5208 100K
ED1
R5205
47K
R5209 100K
C5206
0.1uZ
25V
EA0
ED0
R5214
C5204
0.1uZ
25V
DSP_SYNC
EA2
EA1
R5204
R5203
10K
R5201
R5202
+3.3V
+1.5V
20WJ
TO CARD1
SH_ON
TMS
TRST
TDI/O
TDO
RESET1
TCK
EMU0
EMU1
DSP_SYNC

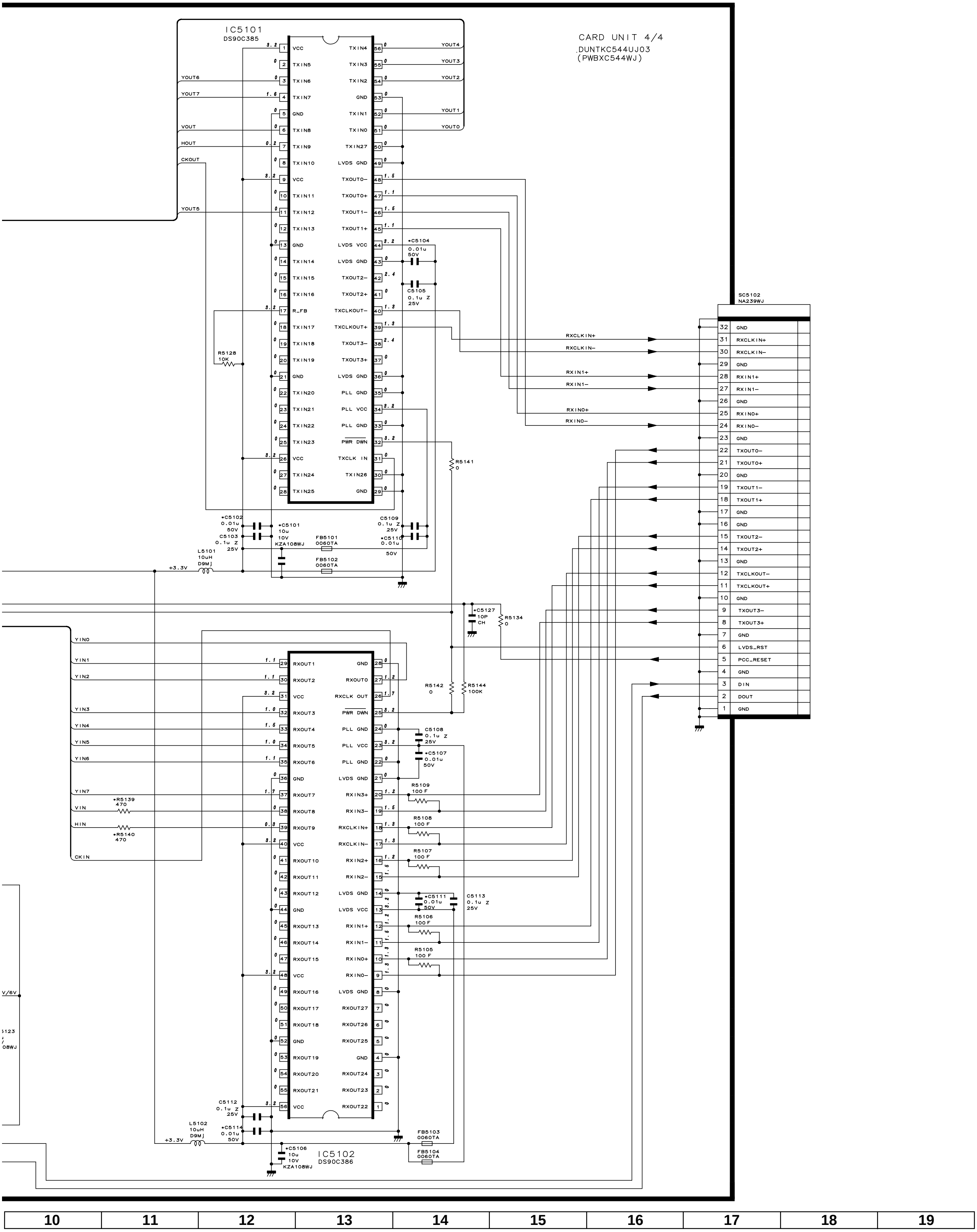
■ PC CARD Unit-3/4


CARD3
TO CARD4
B4V/6V
+3.3V
TO CARD1
CFVS1
CFVS2
EWE
CFREG
CFIOWR
CFIORD
CFIOIS16
CFWAIT
CFSTSCHG
CFRST
CFCE1
CFCE2
CFOE
CFCD1
CFCD2
CFRDY
CFINPAK
ERY
CD_EN
PCVS1
PCVS2
PCOE
PCCE2
PCCE1
PCRST
PCWE
PCREG
PCIOWR
PCIORD
PCIOIS16
PCWAIT
PCSTSCHG
PCRDY
PCINPAK
R5618 10K
R5619 10K
R5616 22
R5617 22
R5613 100
R5614 0
R5605 10K
R5611 10K
R5607 0
R5601 10K CH
R5603 10K CH
R5602 10K CH
R5604 10K CH
C5607 0.1u Z 25V
C5603 0.1uZ 25V
C5608 0.1u Z 25V
C5606 0.1u Z 25V
C5605 0.1u Z 25V
C5601 0.1u Z 25V
IC5603 LV244AT
IC5604 LV244AT
IC5608 LV244AT
IC5601 LV244AT
IC5602 TC7W08U
IC56 LV245A
NC7W
1OE
2OE
VCC
GND
1A1
1A2
1A3
1A4
2A1
2A2
2A3
2A4
1Y1
1Y2
1Y3
1Y4
2Y1
2Y2
2Y3
2Y4
1A
1B
1Y
2Y
2A
2B
G1
A1
Y2
DIR
OE
A1 A2 A3 A4 A5 A6 A7 A8
B1 B2 B3 B4 B5 B6 B7 B8
NC
3.2
0.7
0
EA0 EA1 EA2 EA3 EA4 EA5 EA6 EA7 EA8 EA9 EA10 EA11 EA12 EA13 EA14 EA15
ED0 ED1 ED2 ED3 ED4 ED5 ED6 ED7 ED8 ED9 ED10 ED11 ED12 ED13 ED14 ED15
PCA0 PCA1 PCA2 PCA3 PCA4 PCA5 PCA6 PCA7 PCA8 PCA9 PCA10 PCA11 PCA12 PCA13 PCA14 PCA15
PCD0 PCD1 PCD2 PCD3 PCD4 PCD5 PCD6 PCD7 PCD8 PCD9 PCD10 PCD11 PCD12 PCD13 PCD14 PCD15
CFCE1
CFCE2
PCCD1
CFCD2
V5EN
PCPWR
SEL_OE
V_SW
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

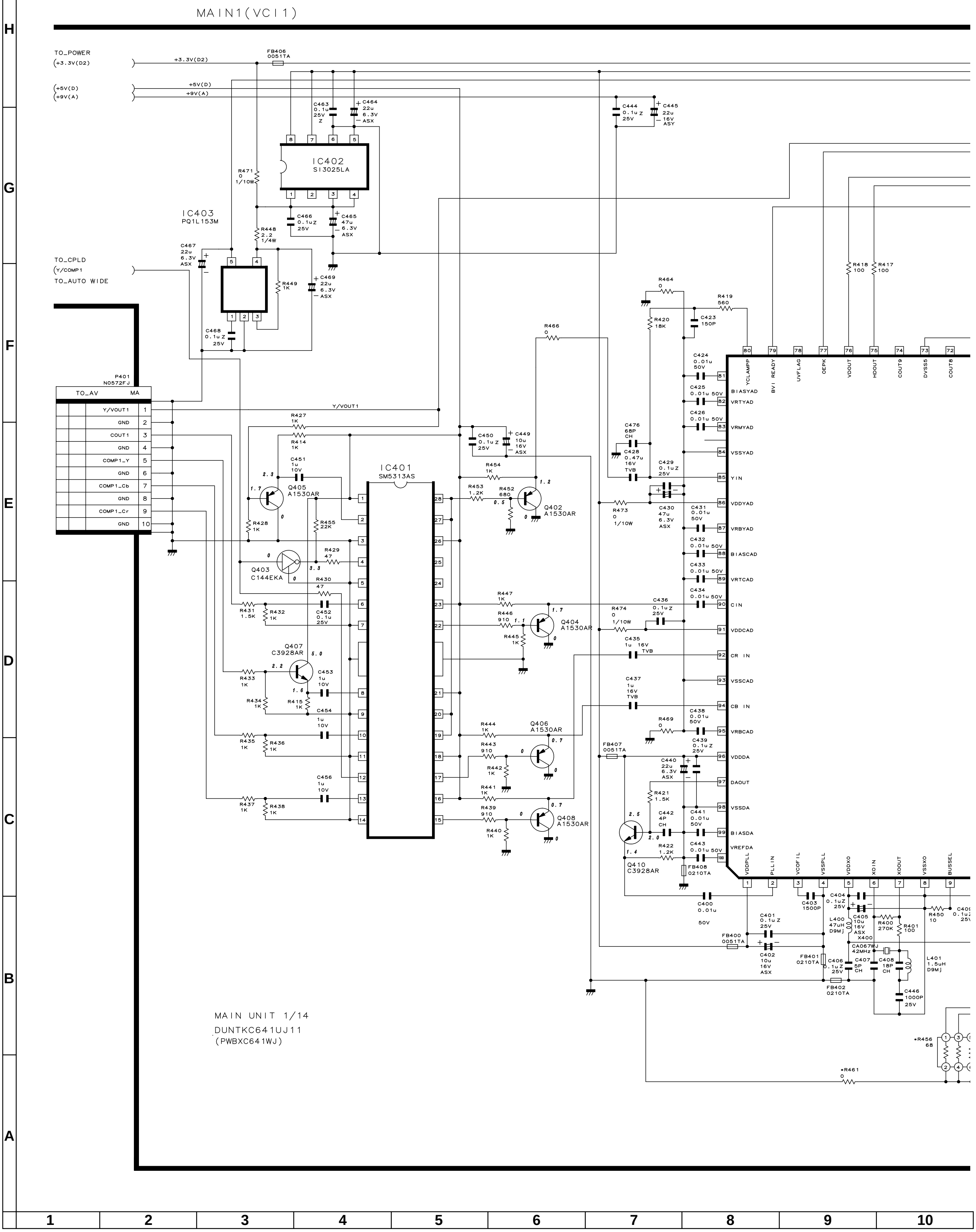

CARD UNIT 3/4
DUNTKC544UJ03
(PWBXC544WJ)
B4V/6V
C5613 10u 10V KZA108WJ
IC5605
PQ20WZ11
ADJ 2.64
V_SW2
R5629 1K
C5612 0.1uZ 25V
IC5609
NC7WZ125
G1 VCC A1 G2 Y2 Y1 GND A2
Q5601 C144EE
R5632 2.7K
R5621 1.8K
R5634 6.8K
R5625 100K CH
PCSTSCHG
PCWAIT
PCIOIS16
PCRDY
R5636 10K
Q5602 C144EE
PCPWR
R5630 0
R5609 100K
R5623 0
R5624 0
C5609 10u 10V KZA108WJ
C5614 10u 10V KZA108WJ
C5604 10u 10V KZA108WJ
C5610 10u 10V KZA108WJ
SC5602 MA161WJ (MIXPART)
CFCD2
CFCD1
PCCD1
PCCD2
V5EN
SC5601 NA003WJ
1 GND 51 GND
2 D3 52 CD1
3 D4 53 D11
4 GND 54 GND
5 D5 55 D12
6 D6 56 D13
7 GND 57 GND
8 D7 58 D14
9 CE1 59 D15
10 GND 60 GND
11 A10 61 CE2
12 OE 62 VS1
13 GND 63 GND
14 A11 64 IORD
15 A9 65 IOWR
16 GND 66 GND
17 A8 67 A17
18 A13 68 A18
19 GND 69 GND
20 A14 70 A19
21 WE 71 A20
22 GND 72 GND
23 IREQ 73 A21
24 VCC 74 VCC
25 GND 75 GND
26 GND 76 GND
27 VPP1 77 VPP2
28 A16 78 A22
29 GND 79 GND
30 A15 80 A23
31 A12 81 A24
32 GND 82 GND
33 A7 83 A25
34 A6 84 VS2
35 GND 85 GND
36 A5 86 RESET
37 A4 87 WAIT
38 GND 88 GND
39 A3 89 INPACK
40 A2 90 REG
41 GND 91 GND
42 A1 92 SPKR
43 A0 93 STSCHG
44 GND 94 GND
45 D0 95 D8
46 D1 96 D9
47 GND 97 GND
48 D2 98 D10
49 IOIS16 99 CD2
50 GND 100 GND
PCD3 PCD4 PCD5 PCD6 PCD7 PCCE1 PCA10 PCA11 PCA9 PCA8 PCA13 PCA14 PCA16 PCA15 PCA12
PCCD1 PCD11 PCD12 PCD13 PCD14 PCD15 PCCE2 PCVS1 PCIORD PCIOWR PCA17 PCA18 PCA19 PCA20 PCA21 PCA22 PCA23 PCA24 PCA25 PCVS2 PCRST PCWAIT PCINPAK PCREG PCSTSCHG PCD8 PCD9 PCD10
C5605 0.1u Z 25V
R5605 10K
IC5607
LV245AT
R5606 10K
DIR VCC A1 OE A2 B1 A3 B2 A4 B3 A5 B4 A6 B5 A7 B6 A8 B7 GND B8
ED15 ED14 ED13 ED12 ED11 ED10 ED9 ED8
+3.3V
C5601 0.1u Z 25V
IC5606
LV245AT
R5612 10K
ED7 ED6 ED5 ED4 ED3 ED2 ED1 ED0
R5626 100K CH
PCCD2 PCVS2 PCVS1 PCCD1
R5627 100K CJ
PCA24 PCA25
R5628 100K CH
PCA23 PCA22 PCA21 PCA20
R5610 100K CH
PCA16 PCA19 PCA18 PCA17
10 11 12 13 14 15 16 17 18 19

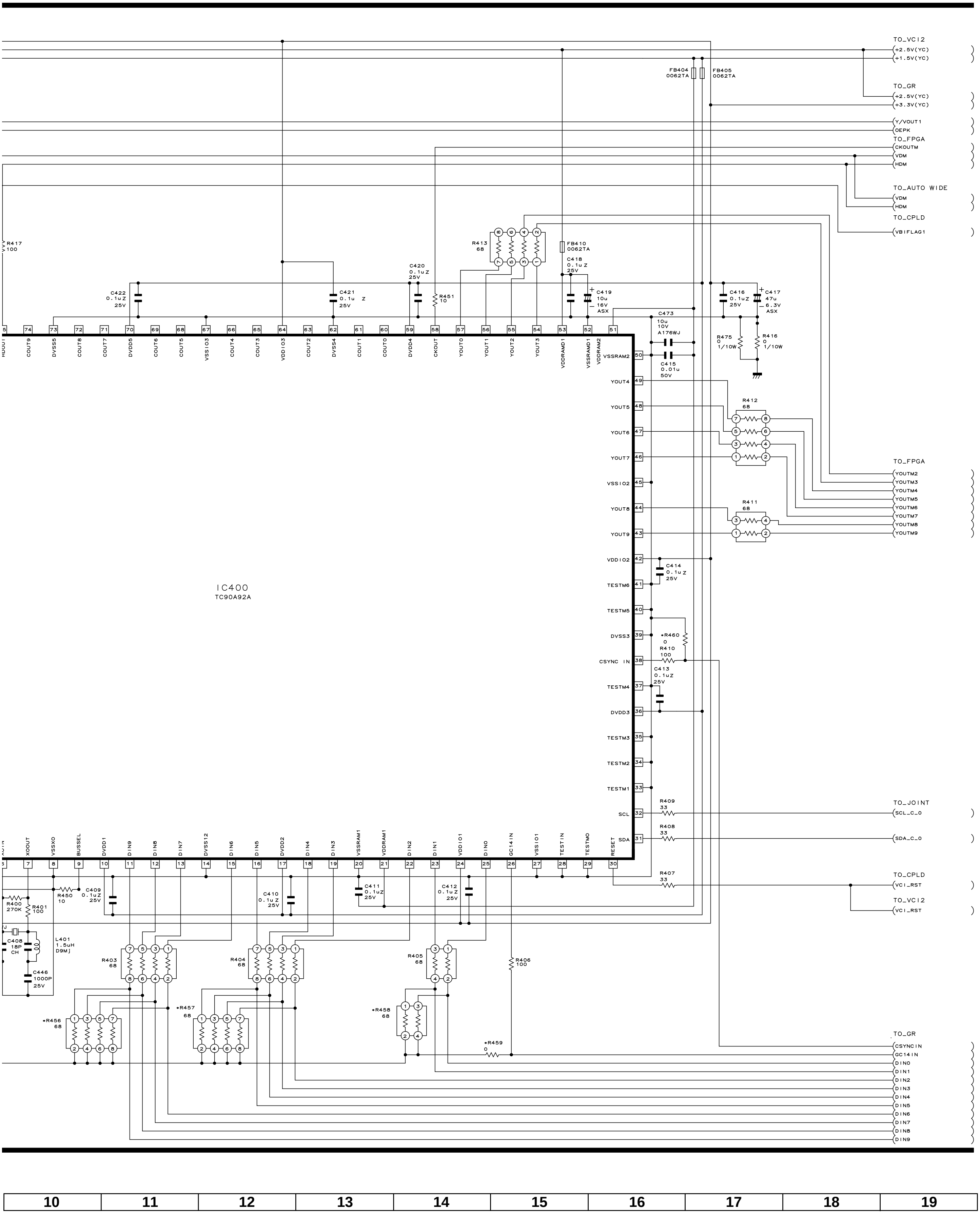
■ PC CARD Unit-4/4


CARD4
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
TO CARD1
YOUT0
YOUT1
YOUT2
YOUT3
YOUT4
YOUT5
YOUT6
YOUT7
VOUT
HOUT
CKOUT
TO CARD1
+3.3V
+3.3V
+10V
+10V
RESET
LVDS_RST
R5103
0
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
YIN6
YIN7
VIN
HIN
CKIN
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
YIN6
YIN7
VIN
HIN
CKIN
Q5105
RSS040P03
4.2
4.2
4.2
4.2
0
9.9
9.9
9.5
C5126
10u
25V
A110WJ
TO CARD3
V_SW
B4V/6V
V_SW
0
Q5102
C144EKA
1.3
0
R5120
30K F
C5119
100P
R5125
47K F
C5115
1u
16V
R5114
100K F
R5124
0
R5115
100K F
R5117
27K
R5118
100K
C5118
33P
(CH)
R5119
20K
F
C5117
3300P K
R5123
10K
IC5103
A828WJ
NON
1/2VREF
INV
VREF
CTL
SCP
VCC
DTC
RT
CT
FB
OUT
NC
GND
1.3
1.3
1.3
2.5
8.8
0
9.9
1.4
1.0
1.7
1.9
8.0
NC
0
0
C5121
4.7u
16V
A113WJ
R5137
510
Q5103
UML2N
9.6
9.9
9.5
9.5
9.6
R5138
510
C5122
1000P
L5103
15uH
PA154WJ
B4V/6V
D5101
RB051L40
*C5123
10u
10V
KZA108WJ
R5116
33K
C5116
1u
16V
R5122
5.6K
C5120
180P
(CH)
TO CARD1
DIN
DIN
R5102
0
DOUT
DOUT
R5101
0

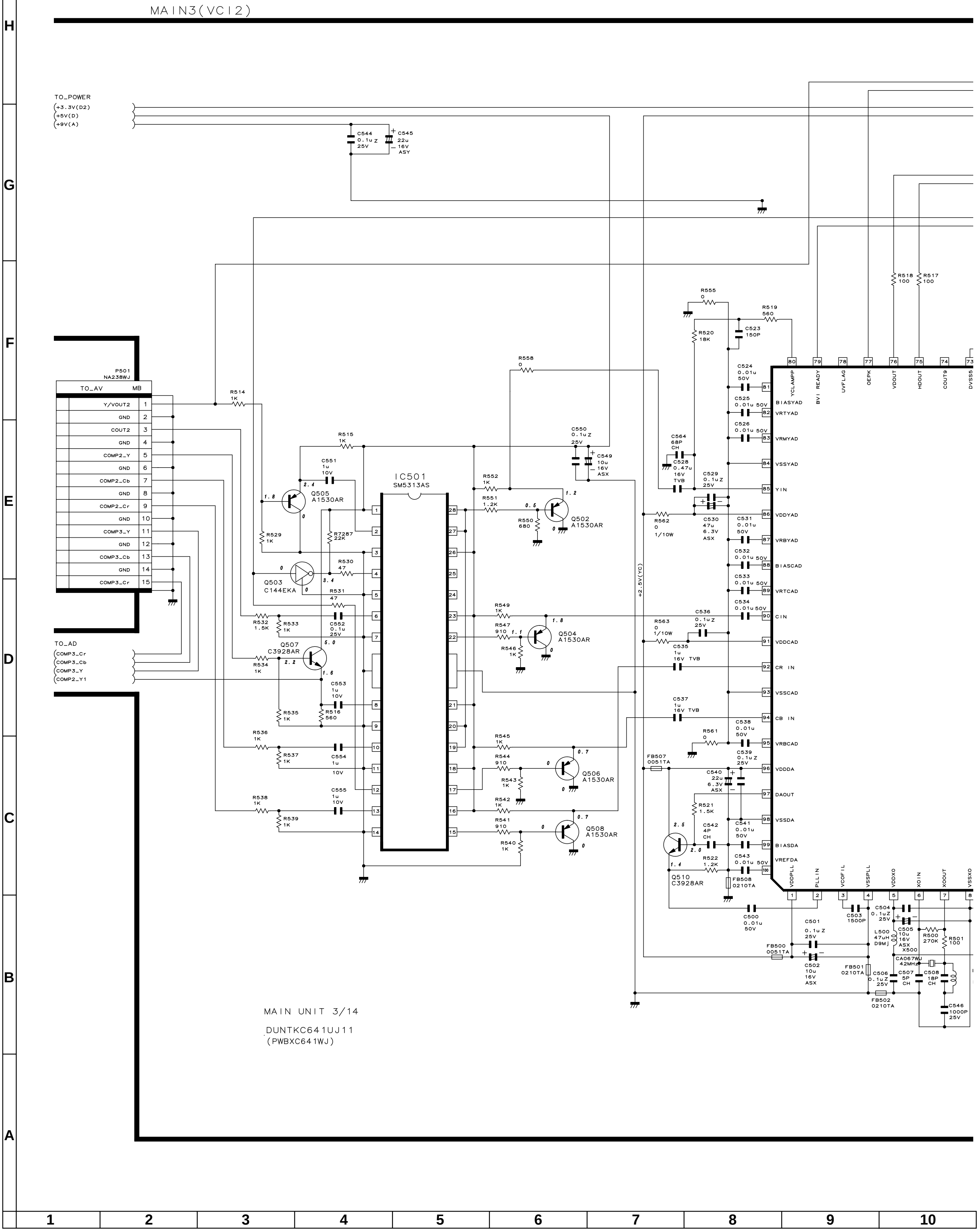

CARD UNIT 4/4
DUNTKC544UJ03
(PWBXC544WJ)
IC5101
DS90C385
IC5102
DS90C386
SC5102
NA239WJ
VCC
TXIN5
TXIN6
TXIN7
GND
TXIN8
TXIN9
TXIN10
TXIN11
TXIN12
TXIN13
TXIN14
TXIN15
TXIN16
R_FB
TXIN17
TXIN18
TXIN19
TXIN20
TXIN21
TXIN22
TXIN23
TXIN24
TXIN25
TXIN4
TXIN3
TXIN2
TXIN1
TXIN0
TXIN27
LVDS GND
TXOUT0−
TXOUT0+
TXOUT1−
TXOUT1+
LVDS VCC
TXOUT2−
TXOUT2+
TXCLKOUT−
TXCLKOUT+
TXOUT3−
TXOUT3+
PLL GND
PLL VCC
PWR DWN
TXCLK IN
TXIN26
YOUT0
YOUT1
YOUT2
YOUT3
YOUT4
YOUT5
YOUT6
YOUT7
VOUT
HOUT
CKOUT
C5104
0.01u
50V
C5105
0.1u Z
25V
R5128
10K
C5102
C5101
10u
10V
KZA108WJ
C5103
FB5101
0060TA
FB5102
C5109
C5110
L5101
10uH
D9MJ
+3.3V
R5141
R5134
C5127
10P
CH
R5142
R5144
100K
RXCLKIN+
RXCLKIN−
RXIN1+
RXIN1−
RXIN0+
RXIN0−
GND
RXCLKIN+
RXCLKIN−
RXIN1+
RXIN1−
RXIN0+
RXIN0−
TXOUT0−
TXOUT0+
TXOUT1−
TXOUT1+
TXOUT2−
TXOUT2+
TXCLKOUT−
TXCLKOUT+
TXOUT3−
TXOUT3+
LVDS_RST
PCC_RESET
DIN
DOUT
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
YIN6
YIN7
VIN
HIN
CKIN
R5139
470
R5140
RXOUT0
RXOUT1
RXOUT2
RXOUT3
RXOUT4
RXOUT5
RXOUT6
RXOUT7
RXOUT8
RXOUT9
RXOUT10
RXOUT11
RXOUT12
RXOUT13
RXOUT14
RXOUT15
RXOUT16
RXOUT17
RXOUT18
RXOUT19
RXOUT20
RXOUT21
RXOUT22
RXOUT23
RXOUT24
RXOUT25
RXOUT26
RXOUT27
RXCLK OUT
RXIN3+
RXIN3−
RXIN2+
RXIN2−
C5108
C5107
R5109
100 F
R5108
R5107
R5106
R5105
C5111
C5113
C5112
C5114
L5102
C5106
FB5103
FB5104
10
11
12
13
14
15
16
17
18
19

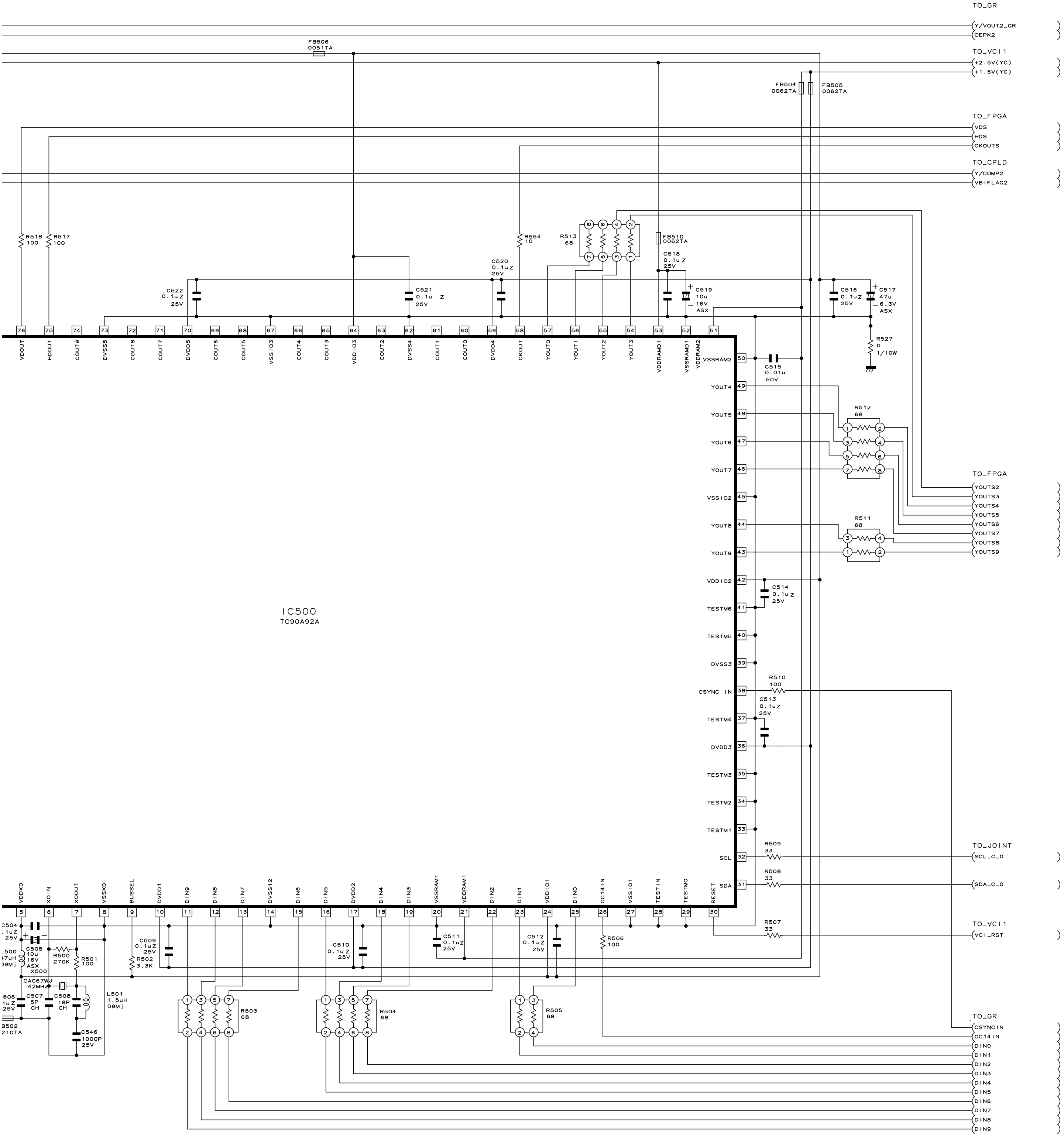
■ MAIN Unit-1/13


MAIN1(VCI1)
TO_POWER
(+3.3V(D2)
(+5V(D)
(+9V(A)
+3.3V(D2)
+5V(D)
+9V(A)
FB406
0051TA
IC402
SI3025LA
IC403
PQ1L153M
TO_CPLD
(Y/COMP1
TO_AUTO WIDE
P401
N0572FJ
TO_AV
MA
Y/VOUT1
GND
COUT1
COMP1_Y
COMP1_Cb
COMP1_Cr
Y/VOUT1
IC401
SM5313AS
Q405
A1530AR
Q402
A1530AR
Q403
C144EKA
Q404
A1530AR
Q407
C3928AR
Q406
A1530AR
Q408
A1530AR
Q410
C3928AR
YCLAMPP
BVI READY
UVFLAG
OEPK
VDOUT
HDOUT
COUT9
DVSS5
COUT8
BIASYAD
VRTYAD
VRMYAD
VSSYAD
YIN
VDDYAD
VRBYAD
BIASCAD
VRTCAD
CIN
VDDCAD
CR IN
VSSCAD
CB IN
VRBCAD
VDDDA
DAOUT
VSSDA
BIASDA
VREFDA
VDDPLL
PLLIN
VCOFIL
VSSPLL
VDDXO
XOIN
XOOUT
VSSXO
BUSSEL
X400
CA067WJ
42MHz
L400
47uH
D9MJ
L401
1.5uH
D9MJ
FB400
0051TA
FB401
0210TA
FB402
0210TA
FB407
0051TA
FB408
0210TA
MAIN UNIT 1/14
DUNTKC641UJ11
(PWBXC641WJ)
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

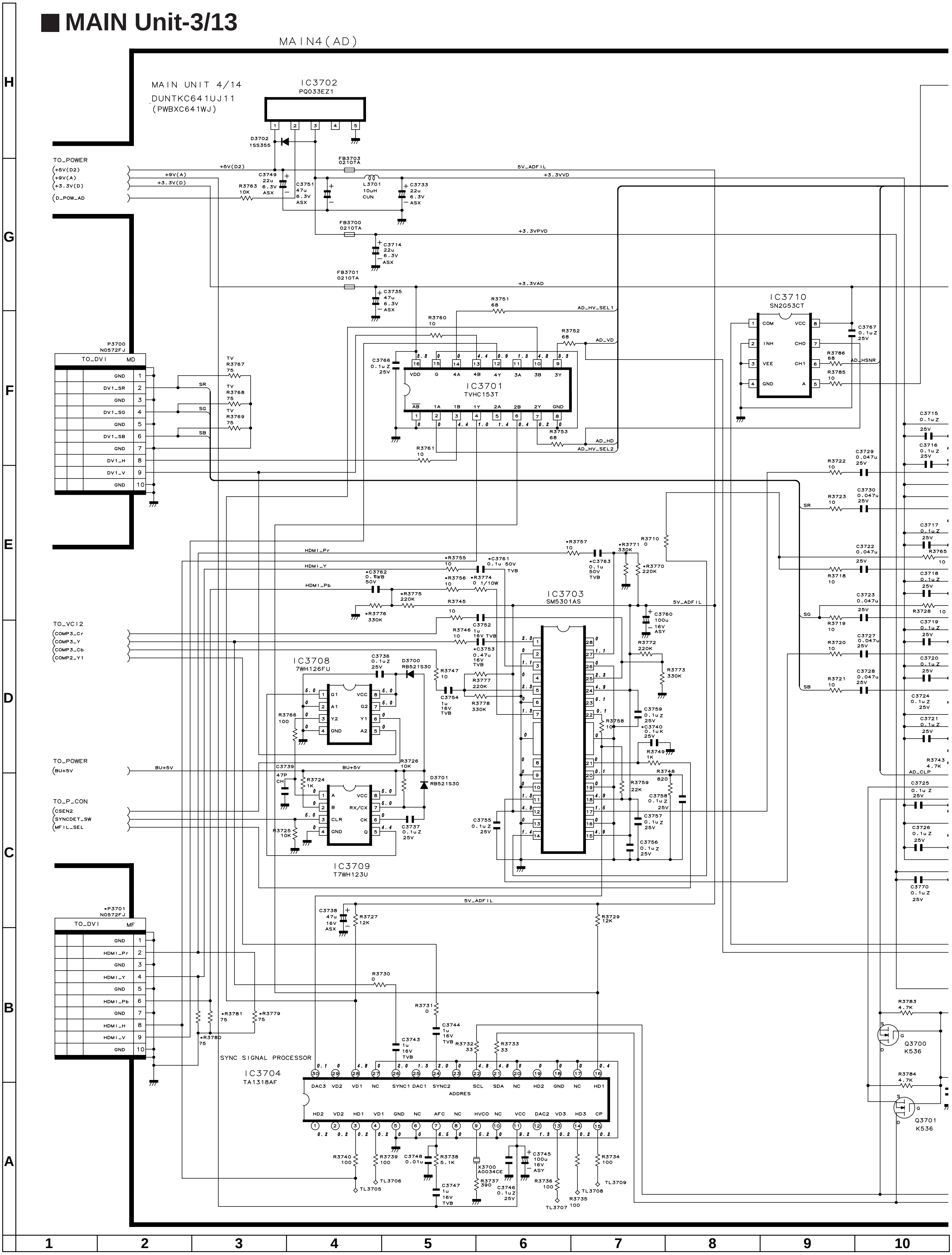

IC400
TC90A92A
TO_VCI2
+2.5V(YC)
+1.5V(YC)
FB404
0062TA
FB405
0062TA
TO_GR
+2.5V(YC)
+3.3V(YC)
Y/VOUT1
OEPK
TO_FPGA
CKOUTM
VDM
HDM
TO_AUTO WIDE
VDM
HDM
TO_CPLD
VBIFLAG1
R417
100
R413
68
FB410
0062TA
C418
0.1uZ
25V
C419
10u
16V
ASX
C420
0.1uZ
25V
R451
10
C421
0.1u Z
25V
C422
0.1uZ
25V
C473
10u
10V
A176WJ
C415
0.01u
50V
C416
0.1uZ
25V
C417
47u
6.3V
ASX
R475
0
1/10W
R416
0
1/10W
R412
68
R411
68
TO_FPGA
YOUTM2
YOUTM3
YOUTM4
YOUTM5
YOUTM6
YOUTM7
YOUTM8
YOUTM9
HOUT1
COUT9
DVSS5
COUT8
COUT7
DVDD5
COUT6
COUT5
VSSIO3
COUT4
COUT3
VDDIO3
COUT2
DVSS4
COUT1
COUT0
DVDD4
CKOUT
YOUT0
YOUT1
YOUT2
YOUT3
VDDRAMD1
VSSRAMD1
VDDRAM2
VSSRAM2
YOUT4
YOUT5
YOUT6
YOUT7
VSSIO2
YOUT8
YOUT9
VDDIO2
TESTM6
TESTM5
DVSS3
CSYNC IN
TESTM4
DVDD3
TESTM3
TESTM2
TESTM1
SCL
SDA
C414
0.1uZ
25V
∗R460
0
R410
100
C413
0.1uZ
25V
R409
33
R408
33
TO_JOINT
SCL_C_0
SDA_C_0
R407
33
TO_CPLD
VCI_RST
TO_VCI2
VCI_RST
XOOUT
VSSXO
BUSSEL
DVDD1
DIN9
DIN8
DIN7
DVSS12
DIN6
DIN5
DVDD2
DIN4
DIN3
VSSRAM1
VDDRAM1
DIN2
DIN1
VDDIO1
DIN0
GC14IN
VSSIO1
TESTIN
TESTMO
RESET
R400
270K
R401
100
R450
10
C409
0.1uZ
25V
C410
0.1uZ
25V
C411
0.1uZ
25V
C412
0.1uZ
25V
C408
18P
CH
L401
1.5uH
D9Mj
C446
1000P
25V
R403
68
R404
68
R405
68
R406
100
∗R456
68
∗R457
68
∗R458
68
∗R459
0
TO_GR
CSYNCIN
GC14IN
DIN0
DIN1
DIN2
DIN3
DIN4
DIN5
DIN6
DIN7
DIN8
DIN9
10
11
12
13
14
15
16
17
18
19

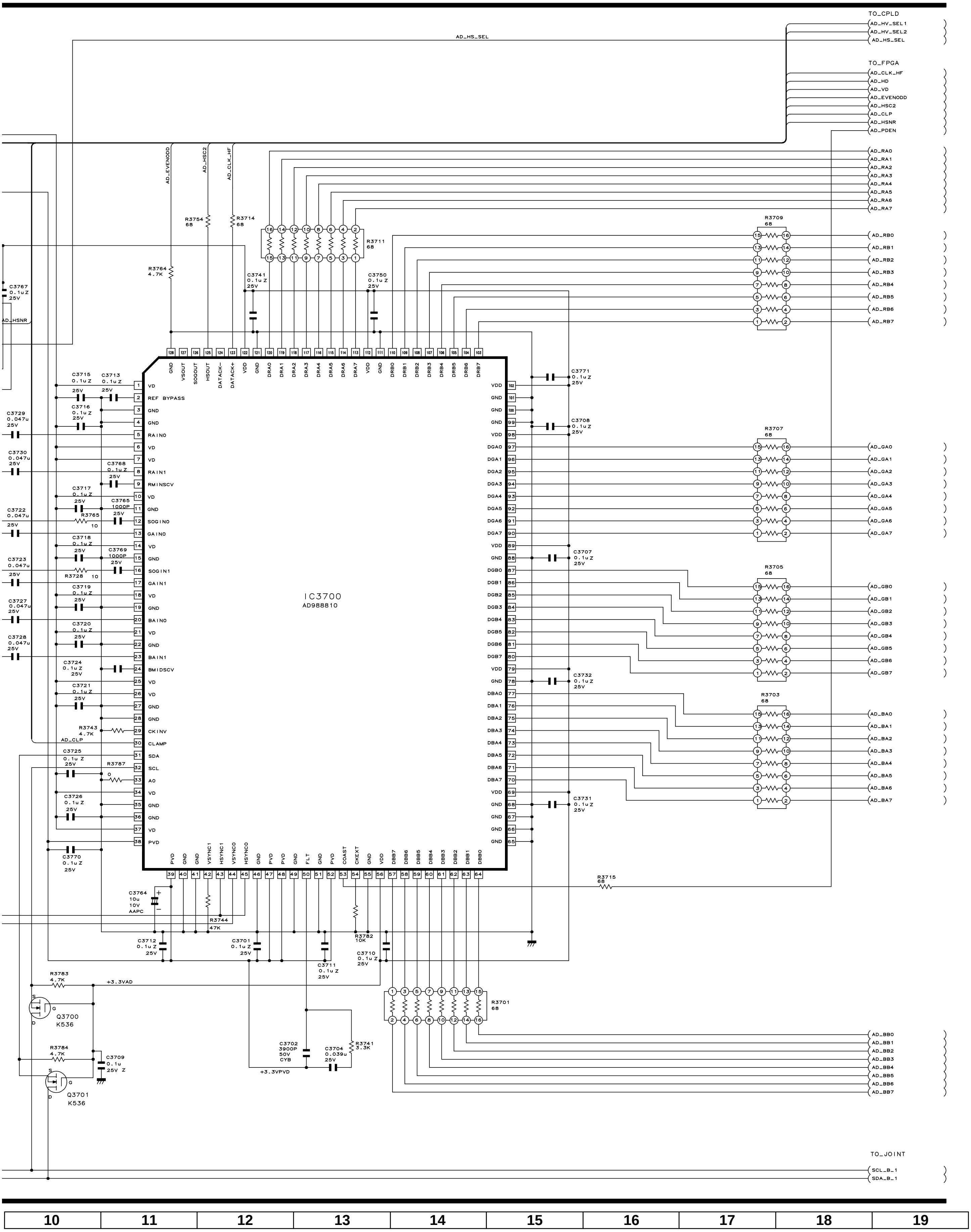
■ MAIN Unit-2/13


MAIN3(VCI2)
TO_POWER
+3.3V(D2)
+5V(D)
+9V(A)
C544 0.1u Z 25V
C545 22u 16V ASY
P501 NA238WJ
TO_AV
MB
Y/VOUT2
GND
COUT2
COMP2_Y
COMP2_Cb
COMP2_Cr
COMP3_Y
COMP3_Cb
COMP3_Cr
TO_AD
COMP3_Cr
COMP3_Cb
COMP3_Y
COMP2_Y1
R514 1K
R515 1K
C551 1u 10V
Q505 A1530AR
R529 1K
R7287 22K
R530 47
Q503 C144EKA
R531 47
R532 1.5K
R533 1K
C552 0.1u 25V
Q507 C3928AR
R534 1K
C553 1u 10V
R535 1K
R516 560
R536 1K
R537 1K
C554 1u 10V
R538 1K
R539 1K
C555 1u 10V
IC501 SM5313AS
R558 0
C550 0.1u Z 25V
C549 10u 16V ASX
R552 1K
R551 1.2K
R550 680
Q502 A1530AR
R549 1K
R547 910
R546 1K
Q504 A1530AR
R545 1K
R544 910
R543 1K
Q506 A1530AR
R542 1K
R541 910
R540 1K
Q508 A1530AR
+2.5V(YC)
R555 0
R519 560
R520 18K
C523 150P
C524 0.01u 50V
C525 0.01u 50V
C526 0.01u 50V
C564 68P CH
C528 0.47u 16V TVB
C529 0.1u Z 25V
C530 47u 6.3V ASX
R562 0 1/10W
C531 0.01u 50V
C532 0.01u 50V
C533 0.01u 50V
C534 0.01u 50V
C536 0.1u Z 25V
R563 0 1/10W
C535 1u 16V TVB
C537 1u 16V TVB
R561 0
C538 0.01u 50V
C539 0.1u Z 25V
FB507 0051TA
C540 22u 6.3V ASX
R521 1.5K
C541 0.01u 50V
C542 4P CH
Q510 C3928AR
R522 1.2K
C543 0.01u 50V
FB508 0210TA
R518 100
R517 100
YCLAMPP
BVI READY
UVFLAG
OEPK
VDOUT
HDOUT
COUT9
DVSS5
BIASYAD
VRTYAD
VRMYAD
VSSYAD
YIN
VDDYAD
VRBYAD
BIASCAD
VRTCAD
CIN
VDDCAD
CR IN
VSSCAD
CB IN
VRBCAD
VDDDA
DAOUT
VSSDA
BIASDA
VREFDA
VDDPLL
PLLIN
VCOFIL
VSSPLL
VDDXO
XOIN
XOOUT
VSSXO
C500 0.01u 50V
C501 0.1u Z 25V
FB500 0051TA
C502 10u 16V ASX
C503 1500P
C504 0.1uZ 25V
L500 47uH D9MJ
C505 10u 16V ASX
X500 CA067WJ 42MHz
R500 270K
R501 100
FB501 0210TA
C506 0.1u Z 25V
C507 5P CH
C508 18P CH
FB502 0210TA
C546 1000P 25V
MAIN UNIT 3/14
DUNTKC641UJ11
(PWBXC641WJ)
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


TO_GR
Y/VOUT2_GR
OEPK2
TO_VCI1
+2.5V(YC)
+1.5V(YC)
FB506
0051TA
FB504
0062TA
FB505
0062TA
TO_FPGA
VDS
HDS
CKOUTS
TO_CPLD
Y/COMP2
VBIFLAG2
R518
100
R517
100
R554
10
R513
68
FB510
0062TA
C518
0.1u Z
25V
C519
10u
16V
ASX
C520
0.1uZ
25V
C521
0.1u Z
25V
C522
0.1uZ
25V
C516
0.1uZ
25V
C517
47u
6.3V
ASX
R527
0
1/10W
C515
0.01u
50V
R512
68
R511
68
TO_FPGA
YOUTS2
YOUTS3
YOUTS4
YOUTS5
YOUTS6
YOUTS7
YOUTS8
YOUTS9
IC500
TC90A92A
VDOUT
HDOUT
COUT9
DVSS5
COUT8
COUT7
DVDD5
COUT6
COUT5
VSSIO3
COUT4
COUT3
VDDIO3
COUT2
DVSS4
COUT1
COUT0
DVDD4
CKOUT
YOUT0
YOUT1
YOUT2
YOUT3
VDDRAMD1
VSSRAMD1
VDDRAM2
VSSRAM2
YOUT4
YOUT5
YOUT6
YOUT7
VSSIO2
YOUT8
YOUT9
VDDIO2
TESTM6
TESTM5
DVSS3
CSYNC IN
TESTM4
DVDD3
TESTM3
TESTM2
TESTM1
SCL
SDA
C514
0.1uZ
25V
R510
100
C513
0.1uZ
25V
R509
33
R508
33
R507
33
TO_JOINT
SCL_C_0
SDA_C_0
TO_VCI1
VCI_RST
VDDXO
XOIN
XOOUT
VSSXO
BUSSEL
DVDD1
DIN9
DIN8
DIN7
DVSS12
DIN6
DIN5
DVDD2
DIN4
DIN3
VSSRAM1
VDDRAM1
DIN2
DIN1
VDDIO1
DIN0
GC14IN
VSSIO1
TESTIN
TESTMO
RESET
C504
.1uZ
25V
C505
10u
16V
ASX
L500
47uH
D9Mj
X500
CA067WU
42MHz
R500
270K
R501
100
R502
3.3K
C509
0.1uZ
25V
C506
.1uZ
25V
C507
5P
CH
C508
18P
CH
C546
1000P
25V
L501
1.5uH
D9Mj
FB502
0210TA
R503
68
C510
0.1uZ
25V
R504
68
C511
0.1uZ
25V
C512
0.1uZ
25V
R505
68
R506
100
TO_GR
CSYNCIN
GC14IN
DIN0
DIN1
DIN2
DIN3
DIN4
DIN5
DIN6
DIN7
DIN8
DIN9

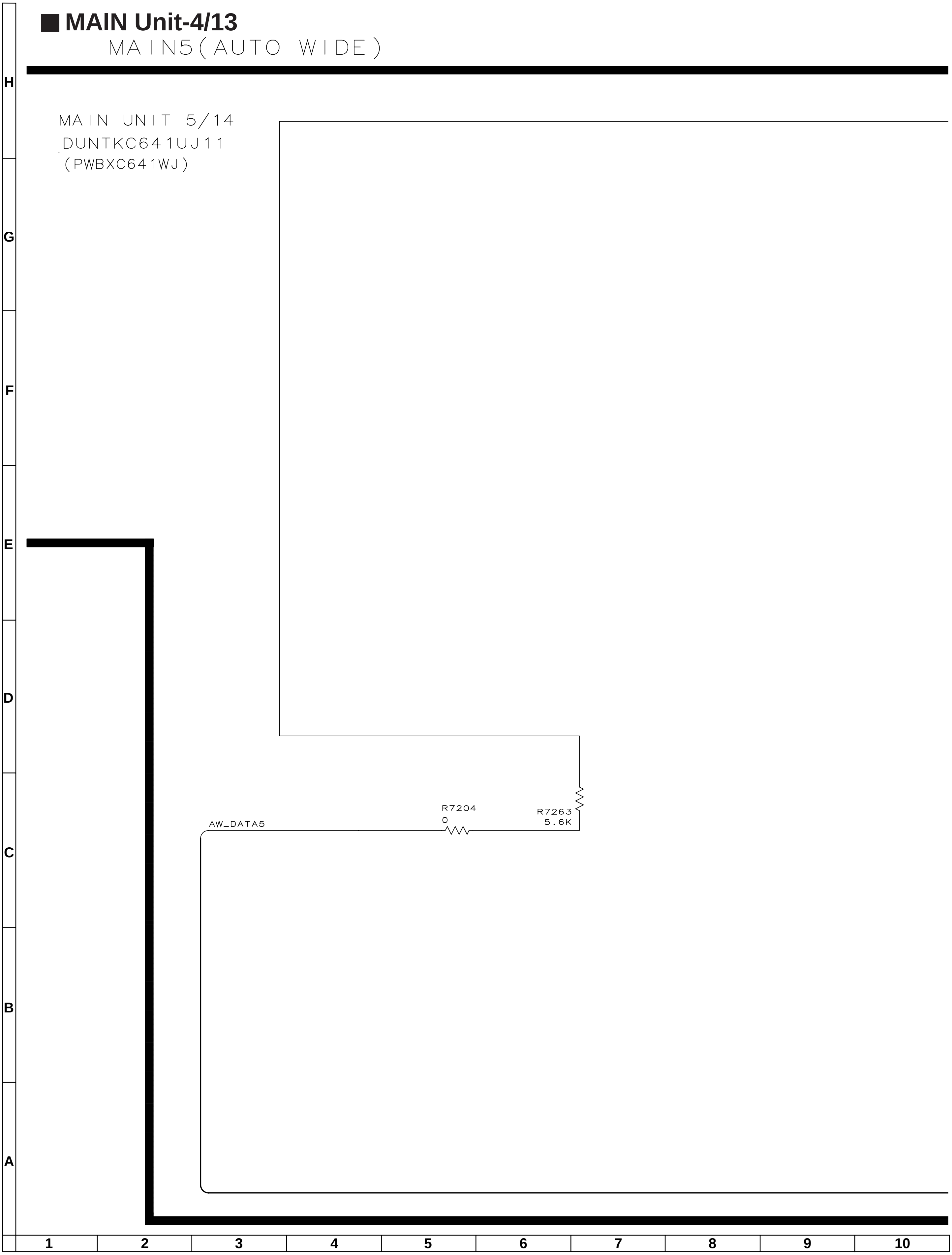
■ MAIN Unit-3/13

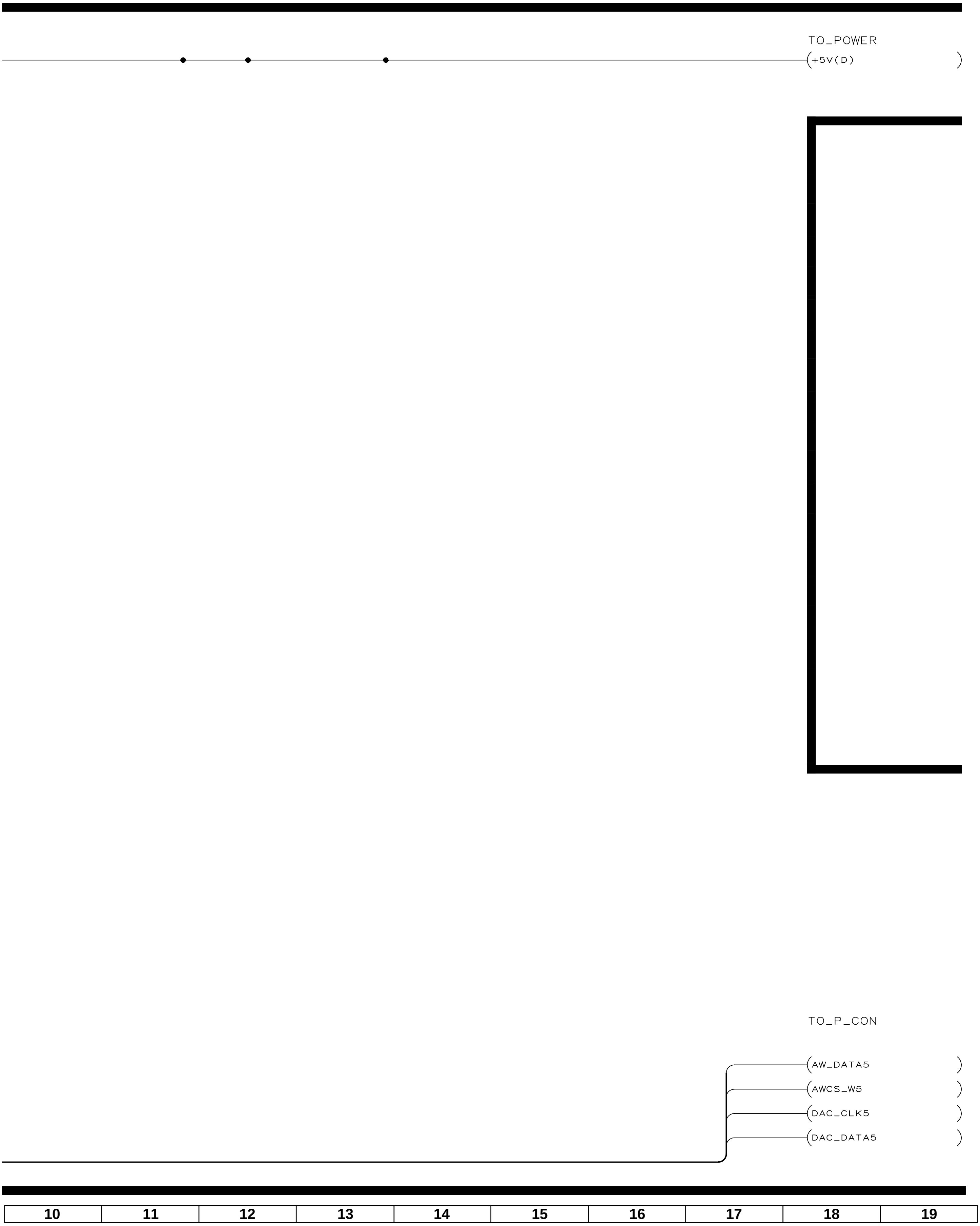

MAIN4(AD)
MAIN UNIT 4/14
DUNTKC641UJ11
(PWBXC641WJ)
IC3702
PQ033EZ1
D3702
1SS355
TO_POWER
(+5V(D2)
(+9V(A)
(+3.3V(D)
(D_POW_AD
+5V(D2)
+9V(A)
+3.3V(D)
R3763
10K
C3749
22u
6.3V
ASX
C3751
47u
6.3V
ASX
FB3703
0210TA
L3701
10uH
CUN
C3733
22u
6.3V
ASX
5V_ADFIL
+3.3VVD
FB3700
0210TA
+3.3VPVD
C3714
22u
6.3V
ASX
FB3701
0210TA
+3.3VAD
C3735
47u
6.3V
ASX
R3751
68
AD_HV_SEL1
R3760
10
R3752
68
AD_VD
C3766
0.1uZ
25V
IC3701
TVHC153T
VDD
G
4A
4B
4Y
3A
3B
3Y
AB
1A
1B
1Y
2A
2B
2Y
GND
R3753
68
AD_HD
AD_HV_SEL2
R3761
10
P3700
N0572FJ
TO_DVI
MD
GND
DV1_SR
DV1_SG
DV1_SB
DV1_H
DV1_V
SR
SG
SB
TV
R3767
75
TV
R3768
75
TV
R3769
75
IC3710
SN2G53CT
COM
INH
VEE
GND
VCC
CH0
CH1
A
C3767
0.1uZ
25V
R3786
68
AD_HSNR
R3785
10
C3715
0.1uZ
25V
C3716
0.1uZ
25V
C3729
0.047u
25V
R3722
10
C3730
0.047u
25V
R3723
10
R3710
0
R3757
10
R3771
330K
C3763
0.1u
50V
TVB
R3770
220K
HDMI_Pr
HDMI_Y
HDMI_Pb
R3755
10
C3761
0.1u 50V
TVB
C3762
0.1u
50V
TVB
R3756
10
R3774
0 1/10W
R3775
220K
R3776
330K
R3745
10
IC3703
SM5301AS
5V_ADFIL
C3760
100u
16V
ASY
C3717
0.1uZ
25V
C3722
0.047u
25V
R3765
10
C3718
0.1uZ
25V
R3718
10
C3723
0.047u
25V
R3728
10
C3719
0.1uZ
25V
C3727
0.047u
25V
R3719
10
R3720
10
C3720
0.1uZ
25V
C3728
0.047u
25V
R3721
10
C3724
0.1uZ
25V
C3721
0.1uZ
25V
R3743
4.7K
AD_CLP
C3725
0.1uZ
25V
C3726
0.1uZ
25V
C3770
0.1uZ
25V
TO_VCI2
(COMP3_Cr
(COMP3_Y
(COMP3_Cb
(COMP2_Y1
C3752
1u
16V TVB
R3746
10
C3753
0.47u
16V
TVB
R3772
220K
R3773
330K
IC3708
7WH126FU
C3736
0.1uZ
25V
D3700
RB521S30
R3747
10
R3777
220K
R3778
330K
C3754
1u
16V
TVB
G1
A1
Y2
GND
VCC
G2
Y1
A2
R3766
100
C3759
0.1uZ
25V
C3740
0.1uK
25V
R3758
10
R3749
1K
R3748
820
R3759
22K
C3758
0.1uZ
25V
C3757
0.1uZ
25V
C3756
0.1uZ
25V
C3755
0.1uZ
25V
TO_POWER
(BU+5V
BU+5V
C3739
47P
CH
R3724
1K
R3726
10K
D3701
RB521S30
TO_P_CON
(CSEN2
(SYNCDET_SW
(MFIL_SEL
A
B
CLR
GND
VCC
RX/CX
CK
Q
C3737
0.1uZ
25V
R3725
10K
IC3709
T7WH123U
5V_ADFIL
C3738
47u
16V
ASX
R3727
12K
R3729
12K
P3701
N0572FJ
TO_DVI
MF
GND
HDMI_Pr
HDMI_Y
HDMI_Pb
HDMI_H
HDMI_V
R3781
75
R3779
75
R3780
75
R3730
0
R3731
0
C3744
1u
16V
TVB
C3743
1u
16V
TVB
R3732
33
R3733
33
SYNC SIGNAL PROCESSOR
IC3704
TA1318AF
DAC3
VD2
VD1
NC
SYNC1
DAC1
SYNC2
SCL
SDA
HD2
GND
ADDRES
HD2
VD2
HD1
VD1
GND
NC
AFC
HVCO
VCC
DAC2
VD3
HD3
CP
R3740
100
R3739
100
C3748
0.01u
R3738
5.1K
X3700
A0034CE
R3737
390
C3746
0.1uZ
25V
C3745
100u
16V
ASY
R3736
100
R3734
100
C3747
1u
16V
TVB
TL3705
TL3706
TL3707
TL3708
TL3709
R3735
100
R3783
4.7K
Q3700
K536
R3784
4.7K
Q3701
K536
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


TO_CPLD
AD_HV_SEL1
AD_HV_SEL2
AD_HS_SEL
TO_FPGA
AD_CLK_HF
AD_HD
AD_VD
AD_EVENODD
AD_HSC2
AD_CLP
AD_HSNR
AD_PDEN
AD_RA0
AD_RA1
AD_RA2
AD_RA3
AD_RA4
AD_RA5
AD_RA6
AD_RA7
AD_RB0
AD_RB1
AD_RB2
AD_RB3
AD_RB4
AD_RB5
AD_RB6
AD_RB7
AD_GA0
AD_GA1
AD_GA2
AD_GA3
AD_GA4
AD_GA5
AD_GA6
AD_GA7
AD_GB0
AD_GB1
AD_GB2
AD_GB3
AD_GB4
AD_GB5
AD_GB6
AD_GB7
AD_BA0
AD_BA1
AD_BA2
AD_BA3
AD_BA4
AD_BA5
AD_BA6
AD_BA7
AD_BB0
AD_BB1
AD_BB2
AD_BB3
AD_BB4
AD_BB5
AD_BB6
AD_BB7
TO_JOINT
SCL_B_1
SDA_B_1
AD_EVENODD
AD_HSC2
AD_CLK_HF
AD_HSNR
AD_CLP
IC3700
AD988810
R3754 68
R3714 68
R3764 4.7K
R3711 68
R3709 68
R3707 68
R3705 68
R3703 68
R3701 68
R3715 68
C3741 0.1u Z 25V
C3750 0.1u Z 25V
C3767 0.1u Z 25V
C3715 0.1u Z 25V
C3713 0.1u Z 25V
C3716 0.1u Z 25V
C3729 0.047u 25V
C3730 0.047u 25V
C3768 0.1u Z 25V
C3717 0.1u Z 25V
C3765 1000P 25V
R3765 10
C3722 0.047u 25V
C3718 0.1u Z 25V
C3769 1000P 25V
C3723 0.047u 25V
R3728 10
C3719 0.1u Z 25V
C3727 0.047u 25V
C3720 0.1u Z 25V
C3728 0.047u 25V
C3724 0.1u Z 25V
C3721 0.1u Z 25V
R3743 4.7K
C3725 0.1u Z 25V
R3787 0
C3726 0.1u Z 25V
C3770 0.1u Z 25V
C3771 0.1u Z 25V
C3708 0.1u Z 25V
C3707 0.1u Z 25V
C3732 0.1u Z 25V
C3731 0.1u Z 25V
C3764 10u 10V AAPC
R3744 47K
C3712 0.1u Z 25V
C3701 0.1u Z 25V
C3711 0.1u Z 25V
R3782 10K
C3710 0.1u Z 25V
R3783 4.7K
+3.3VAD
Q3700 K536
R3784 4.7K
C3709 0.1u 25V Z
Q3701 K536
C3702 3900P 50V CYB
C3704 0.039u 25V
R3741 3.3K
+3.3VPVD
S
G
D
1 VD
2 REF BYPASS
3 GND
4 GND
5 RAIN0
6 VD
7 VD
8 RAIN1
9 RMINSCV
10 VD
11 GND
12 SOGIN0
13 GAIN0
14 VD
15 GND
16 SOGIN1
17 GAIN1
18 VD
19 GND
20 BAIN0
21 VD
22 GND
23 BAIN1
24 BMIDSCV
25 VD
26 VD
27 GND
28 GND
29 CKINV
30 CLAMP
31 SDA
32 SCL
33 A0
34 VD
35 GND
36 GND
37 VD
38 PVD
39 PVD
40 GND
41 GND
42 VSYNC1
43 HSYNC1
44 VSYNC0
45 HSYNC0
46 GND
47 PVD
48 PVD
49 GND
50 FLT
51 GND
52 PVD
53 COAST
54 CKEXT
55 GND
56 VDD
57 DBB7
58 DBB6
59 DBB5
60 DBB4
61 DBB3
62 DBB2
63 DBB1
64 DBB0
65 GND
66 GND
67 GND
68 GND
69 VDD
70 DBA7
71 DBA6
72 DBA5
73 DBA4
74 DBA3
75 DBA2
76 DBA1
77 DBA0
78 GND
79 VDD
80 DGB7
81 DGB6
82 DGB5
83 DGB4
84 DGB3
85 DGB2
86 DGB1
87 DGB0
88 GND
89 VDD
90 DGA7
91 DGA6
92 DGA5
93 DGA4
94 DGA3
95 DGA2
96 DGA1
97 DGA0
98 VDD
99 GND
100 GND
101 GND
102 VDD
103 DRB7
104 DRB6
105 DRB5
106 DRB4
107 DRB3
108 DRB2
109 DRB1
110 DRB0
111 GND
112 VDD
113 DRA7
114 DRA6
115 DRA5
116 DRA4
117 DRA3
118 DRA2
119 DRA1
120 DRA0
121 GND
122 VDD
123 DATACK+
124 DATACK-
125 HSOUT
126 SOGOUT
127 VSOUT
128 GND
10
11
12
13
14
15
16
17
18
19

■ MAIN Unit-4/13

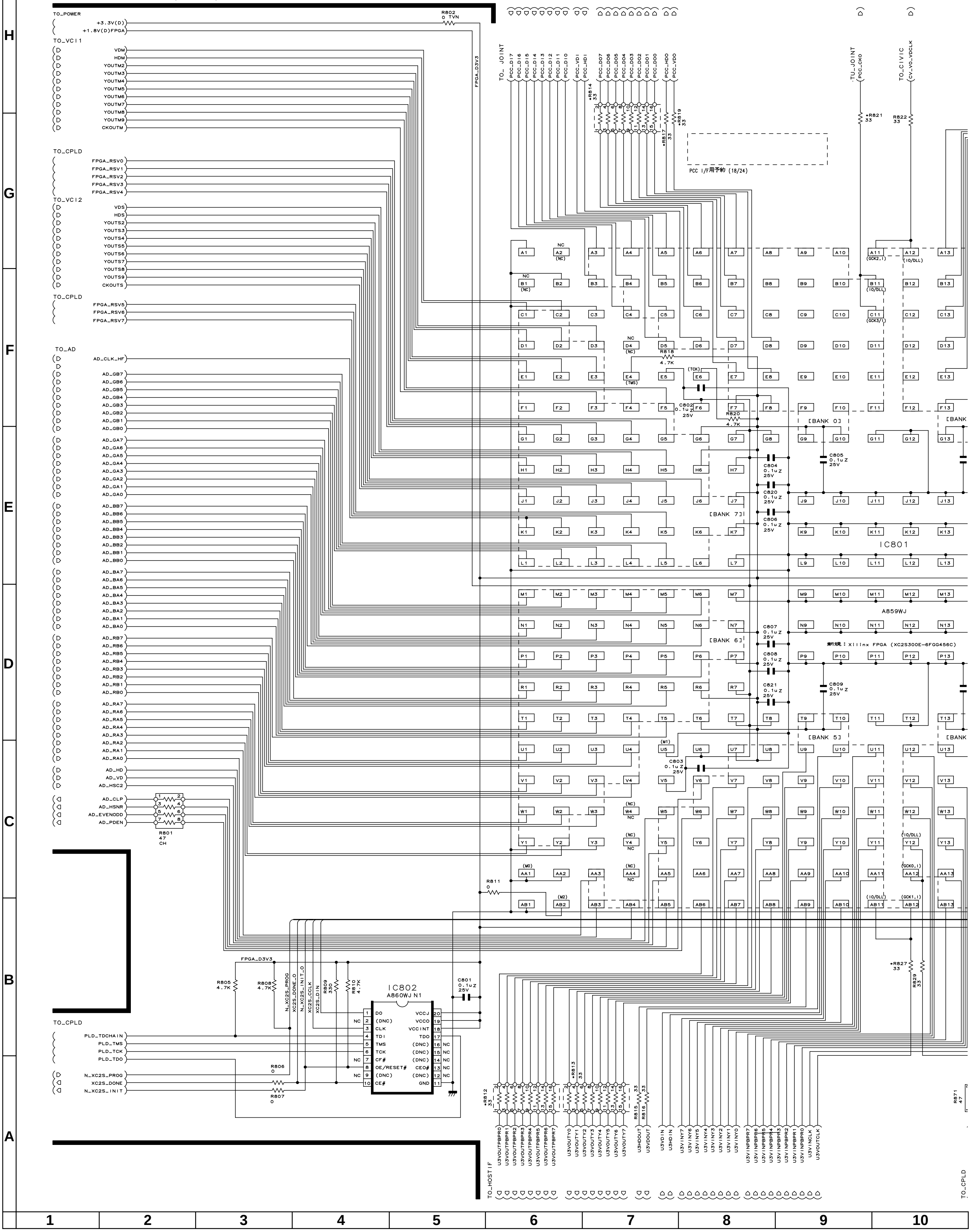
MAIN5(AUTO WIDE)

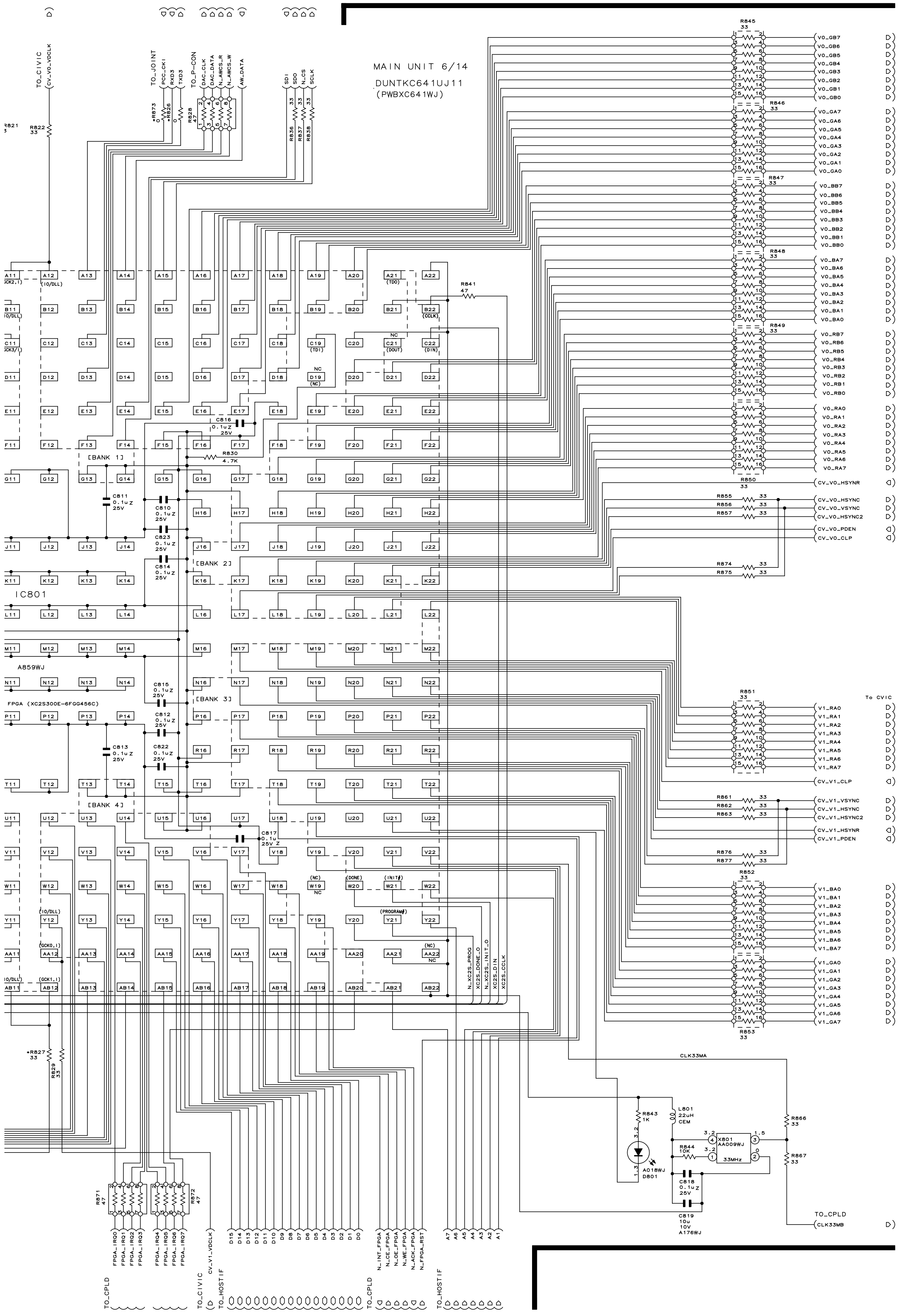

MAIN UNIT 5/14
DUNTKC641UJ11
(PWBXC641WJ)
AW_DATA5
R7204
0
R7263
5.6K
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


TO_POWER
+5V(D)
TO_P_CON
AW_DATA5
AWCS_W5
DAC_CLK5
DAC_DATA5
10
11
12
13
14
15
16
17
18
19

■ MAIN Unit-5/13

MAIN6(FPGA)

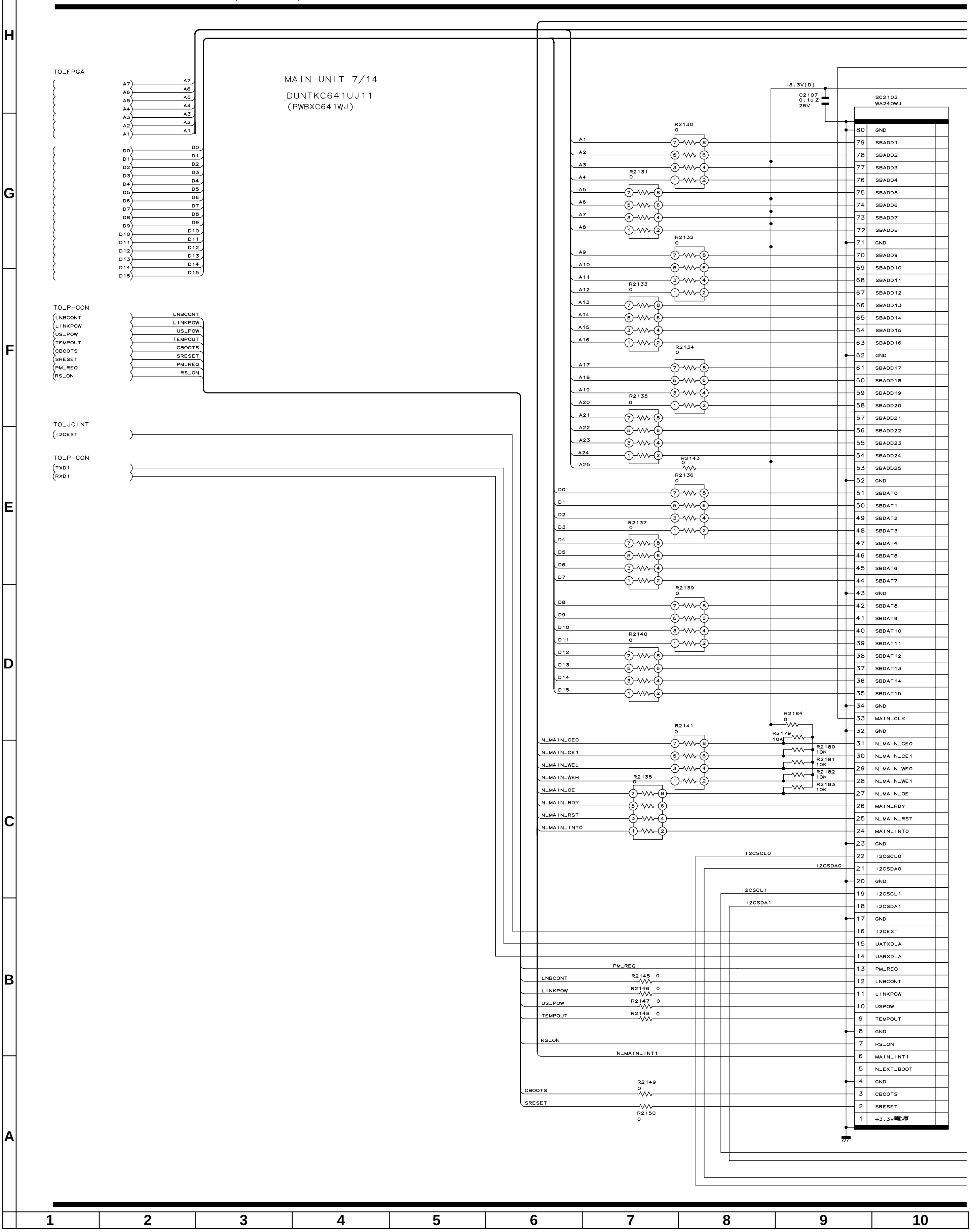

TO_POWER
+3.3V(D)
+1.8V(D)FPGA
R802
0 TVN
FPGA_D3V3
TO_VCI1
VDM
HDM
YOUTM2
YOUTM3
YOUTM4
YOUTM5
YOUTM6
YOUTM7
YOUTM8
YOUTM9
CKOUTM
TO_CPLD
FPGA_RSV0
FPGA_RSV1
FPGA_RSV2
FPGA_RSV3
FPGA_RSV4
TO_VCI2
VDS
HDS
YOUTS2
YOUTS3
YOUTS4
YOUTS5
YOUTS6
YOUTS7
YOUTS8
YOUTS9
CKOUTS
TO_CPLD
FPGA_RSV5
FPGA_RSV6
FPGA_RSV7
TO_AD
AD_CLK_HF
AD_GB7
AD_GB6
AD_GB5
AD_GB4
AD_GB3
AD_GB2
AD_GB1
AD_GB0
AD_GA7
AD_GA6
AD_GA5
AD_GA4
AD_GA3
AD_GA2
AD_GA1
AD_GA0
AD_BB7
AD_BB6
AD_BB5
AD_BB4
AD_BB3
AD_BB2
AD_BB1
AD_BB0
AD_BA7
AD_BA6
AD_BA5
AD_BA4
AD_BA3
AD_BA2
AD_BA1
AD_BA0
AD_RB7
AD_RB6
AD_RB5
AD_RB4
AD_RB3
AD_RB2
AD_RB1
AD_RB0
AD_RA7
AD_RA6
AD_RA5
AD_RA4
AD_RA3
AD_RA2
AD_RA1
AD_RA0
AD_HD
AD_VD
AD_HSC2
AD_CLP
AD_HSNR
AD_EVENODD
AD_PDEN
R801
47
CH
TO_ JOINT
PCC_DI7
PCC_DI6
PCC_DI5
PCC_DI4
PCC_DI3
PCC_DI2
PCC_DI1
PCC_DI0
PCC_VDI
PCC_HDI
PCC_DO7
PCC_DO6
PCC_DO5
PCC_DO4
PCC_DO3
PCC_DO2
PCC_DO1
PCC_DO0
PCC_HDO
PCC_VDO
*R814
33
*R817
33
R819
33
PCC I/F用予約 (18/24)
TU_JOINT
PCC_CKO
TO_CIVIC
CV_VO_VDCLK
*R821
33
R822
33
NC
(NC)
(GCK2,I)
(IO/DLL)
(GCK3/I)
(TCK)
(TMS)
R818
4.7K
C802
0.1uZ
25V
R820
4.7K
[BANK 0]
[BANK
C804
0.1uZ
25V
C805
0.1uZ
25V
C820
0.1uZ
25V
C806
0.1uZ
25V
[BANK 7]
IC801
A859WJ
C807
0.1uZ
25V
[BANK 6]
新規：Xilinx FPGA (XC2S300E-6FGG456C)
C808
0.1uZ
25V
C821
0.1uZ
25V
C809
0.1uZ
25V
[BANK 5]
(M1)
C803
0.1uZ
25V
(M0)
(M2)
(GCK0,I)
(GCK1,I)
R811
0
*R827
33
R829
33
A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13
B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13
C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13
F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13
G1 G2 G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13
H1 H2 H3 H4 H5 H6 H7
J1 J2 J3 J4 J5 J6 J7 J9 J10 J11 J12 J13
K1 K2 K3 K4 K5 K6 K7 K9 K10 K11 K12 K13
L1 L2 L3 L4 L5 L6 L7 L9 L10 L11 L12 L13
M1 M2 M3 M4 M5 M6 M7 M9 M10 M11 M12 M13
N1 N2 N3 N4 N5 N6 N7 N9 N10 N11 N12 N13
P1 P2 P3 P4 P5 P6 P7 P9 P10 P11 P12 P13
R1 R2 R3 R4 R5 R6 R7
T1 T2 T3 T4 T5 T6 T7 T8 T9 T10 T11 T12 T13
U1 U2 U3 U4 U5 U6 U7 U8 U9 U10 U11 U12 U13
V1 V2 V3 V4 V5 V6 V7 V8 V9 V10 V11 V12 V13
W1 W2 W3 W4 W5 W6 W7 W8 W9 W10 W11 W12 W13
Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8 Y9 Y10 Y11 Y12 Y13
AA1 AA2 AA3 AA4 AA5 AA6 AA7 AA8 AA9 AA10 AA11 AA12 AA13
AB1 AB2 AB3 AB4 AB5 AB6 AB7 AB8 AB9 AB10 AB11 AB12 AB13
FPGA_D3V3
R805
4.7K
R808
4.7K
N_XC2S_PROG
XC2S_DONE_O
N_XC2S_INIT_O
XC2S_CCLK
XC2S_DIN
R809
330
R810
4.7K
IC802
A860WJ N1
C801
0.1uZ
25V
D0
(DNC)
CLK
TDI
TMS
TCK
CF#
OE/RESET#
(DNC)
CE#
VCCJ
VCCO
VCCINT
TDO
(DNC)
(DNC)
(DNC)
CEO#
(DNC)
GND
TO_CPLD
PLD_TDCHAIN
PLD_TMS
PLD_TCK
PLD_TDO
N_XC2S_PROG
XC2S_DONE
N_XC2S_INIT
R806
0
R807
0
*R812
33
*R813
33
R815
33
R816
33
R871
47
TO_HOSTIF
U3VOUTPBPR0
U3VOUTPBPR1
U3VOUTPBPR2
U3VOUTPBPR3
U3VOUTPBPR4
U3VOUTPBPR5
U3VOUTPBPR6
U3VOUTPBPR7
U3VOUTY0
U3VOUTY1
U3VOUTY2
U3VOUTY3
U3VOUTY4
U3VOUTY5
U3VOUTY6
U3VOUTY7
U3HDOUT
U3VDOUT
U3VDIN
U3HDIN
U3VINY7
U3VINY6
U3VINY5
U3VINY4
U3VINY3
U3VINY2
U3VINY1
U3VINY0
U3VINPBPR7
U3VINPBPR6
U3VINPBPR5
U3VINPBPR4
U3VINPBPR3
U3VINPBPR2
U3VINPBPR1
U3VINPBPR0
U3VINCLK
U3VOUTCLK
TO_CPLD
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

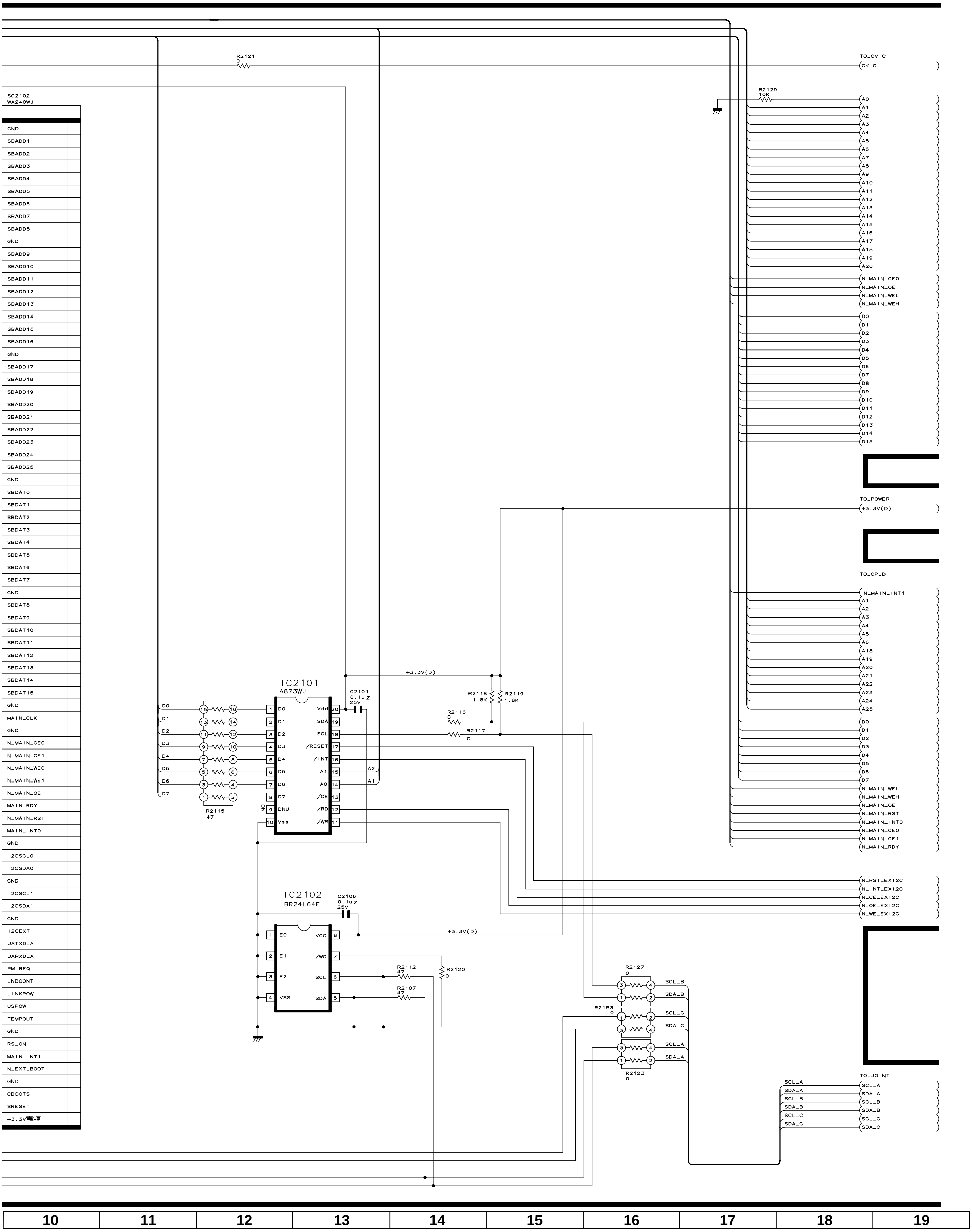

MAIN UNIT 6/14
DUNTKC641UJ11
(PWBXC641WJ)
IC801
A859WJ
FPGA (XC2S300E-6FGG456C)
[BANK 1]
[BANK 2]
[BANK 3]
[BANK 4]
TO_CIVIC
CV_V0_VDCLK
TO_JOINT
PCC_CKI
RXD3
TXD3
TO_P-CON
DAC_CLK
DAC_DATA
N_AWCS_R
N_AWCS_W
AW_DATA
SDI
SDO
N_CS
SCLK
R845
R846
R847
R848
R849
R850
R851
R852
R853
V0_GB7
V0_GB6
V0_GB5
V0_GB4
V0_GB3
V0_GB2
V0_GB1
V0_GB0
V0_GA7
V0_GA6
V0_GA5
V0_GA4
V0_GA3
V0_GA2
V0_GA1
V0_GA0
V0_BB7
V0_BB6
V0_BB5
V0_BB4
V0_BB3
V0_BB2
V0_BB1
V0_BB0
V0_BA7
V0_BA6
V0_BA5
V0_BA4
V0_BA3
V0_BA2
V0_BA1
V0_BA0
V0_RB7
V0_RB6
V0_RB5
V0_RB4
V0_RB3
V0_RB2
V0_RB1
V0_RB0
V0_RA0
V0_RA1
V0_RA2
V0_RA3
V0_RA4
V0_RA5
V0_RA6
V0_RA7
CV_V0_HSYNR
CV_V0_HSYNC
CV_V0_VSYNC
CV_V0_HSYNC2
CV_V0_PDEN
CV_V0_CLP
To CVIC
V1_RA0
V1_RA1
V1_RA2
V1_RA3
V1_RA4
V1_RA5
V1_RA6
V1_RA7
CV_V1_CLP
CV_V1_VSYNC
CV_V1_HSYNC
CV_V1_HSYNC2
CV_V1_HSYNR
CV_V1_PDEN
V1_BA0
V1_BA1
V1_BA2
V1_BA3
V1_BA4
V1_BA5
V1_BA6
V1_BA7
V1_GA0
V1_GA1
V1_GA2
V1_GA3
V1_GA4
V1_GA5
V1_GA6
V1_GA7
CLK33MA
X801
AA009WJ
33MHz
A018WJ
D801
L801
22uH
CEM
C818
C819
A176WJ
TO_CPLD
CLK33MB
N_XC2S_PROG
XC2S_DONE_O
N_XC2S_INIT_O
XC2S_DIN
XC2S_CCLK
FPGA_IRQ0
FPGA_IRQ1
FPGA_IRQ2
FPGA_IRQ3
FPGA_IRQ4
FPGA_IRQ5
FPGA_IRQ6
FPGA_IRQ7
CV_V1_VDCLK
TO_CIVIC
TO_HOSTIF
D15
D14
D13
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
D1
D0
N_INT_FPGA
N_OE_FPGA
N_WE_FPGA
N_ACK_FPGA
N_FPGA_RST
A7
A6
A5
A4
A3
A2
A1
TO_HOSTIF

10	11	12	13	14	15	16	17	18	19

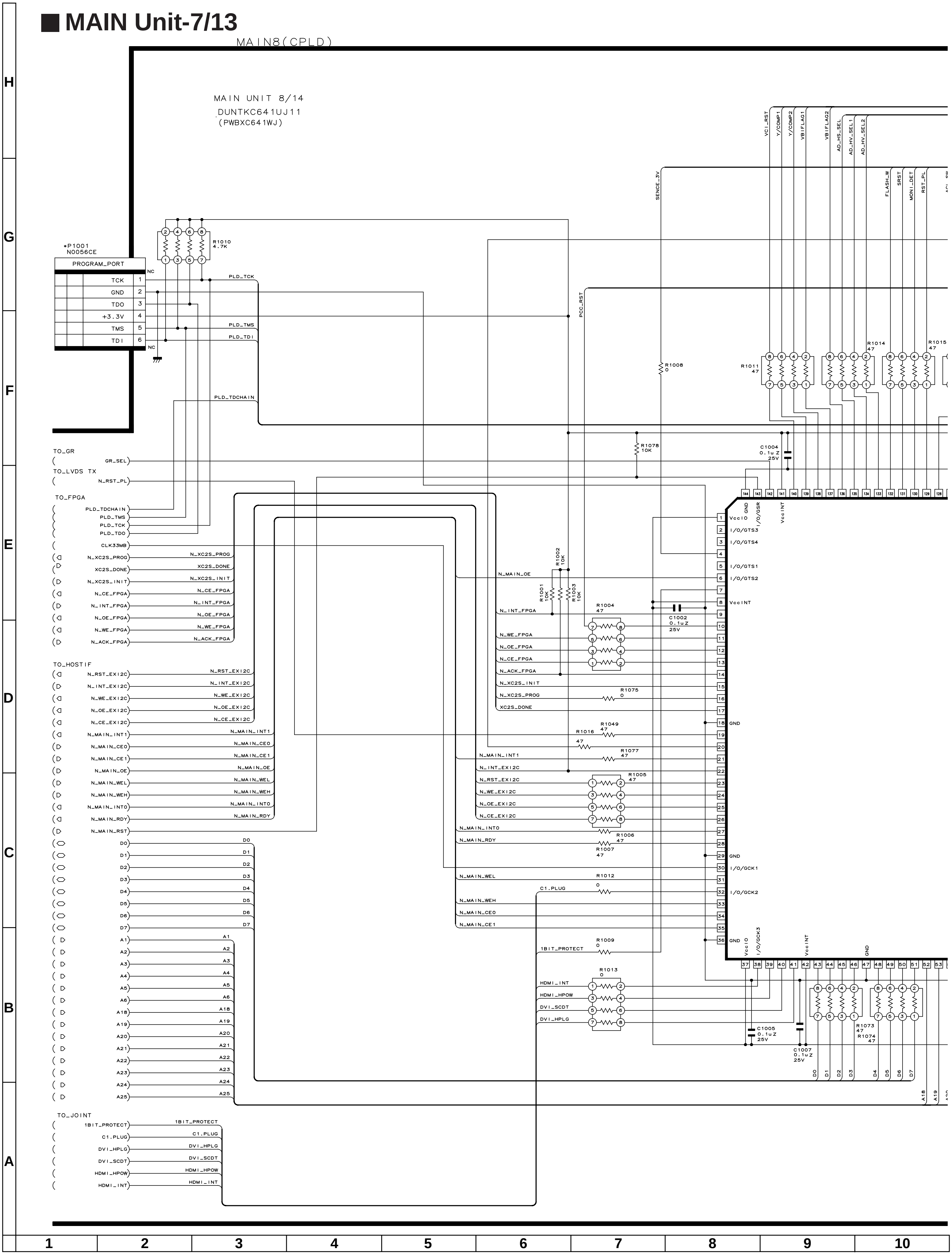
■ MAIN Unit-6/13

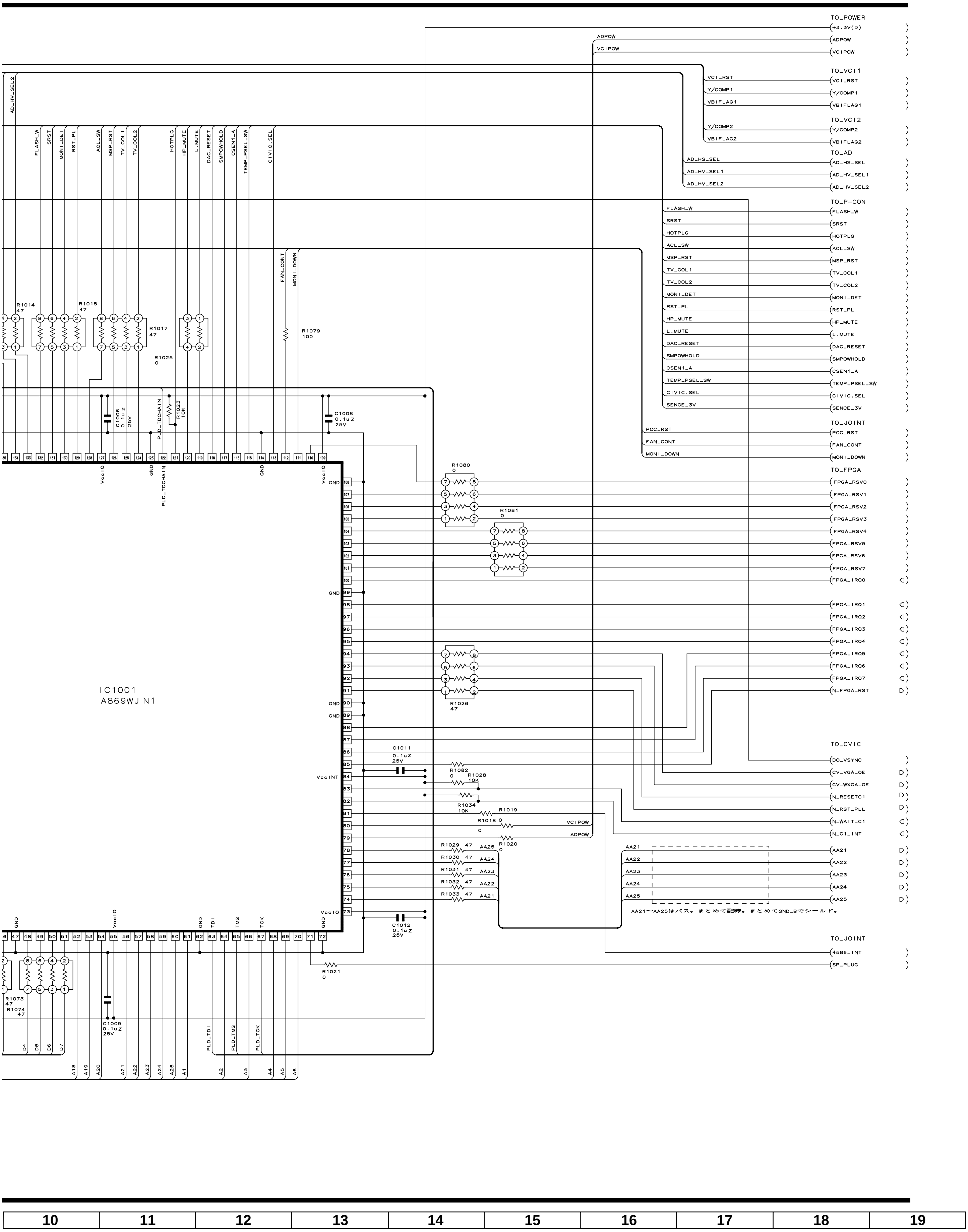
MAIN7(HOSTIF)


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
TO_FPGA
A7
A6
A5
A4
A3
A2
A1
D0
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
MAIN UNIT 7/14
DUNTKC641UJ11
(PWBXC641WJ)
TO_P-CON
LNBCONT
LINKPOW
US_POW
TEMPOUT
CBOOTS
SRESET
PM_REQ
RS_ON
TO_JOINT
I2CEXT
TO_P-CON
TXD1
RXD1
+3.3V(D)
C2107
0.1u Z
25V
SC2102
WA240WJ
R2130
0
R2131
0
R2132
0
R2133
0
R2134
0
R2135
0
R2143
0
R2136
0
R2137
0
R2139
0
R2140
0
R2141
0
R2138
0
R2184
0
R2179
10K
R2180
10K
R2181
10K
R2182
10K
R2183
10K
A8
A9
A10
A11
A12
A13
A14
A15
A16
A17
A18
A19
A20
A21
A22
A23
A24
A25
N_MAIN_CE0
N_MAIN_CE1
N_MAIN_WEL
N_MAIN_WEH
N_MAIN_OE
N_MAIN_RDY
N_MAIN_RST
N_MAIN_INT0
I2CSCL0
I2CSDA0
I2CSCL1
I2CSDA1
PM_REQ
R2145 0
R2146 0
R2147 0
R2148 0
N_MAIN_INT1
R2149
0
R2150
0
80 GND
79 SBADD1
78 SBADD2
77 SBADD3
76 SBADD4
75 SBADD5
74 SBADD6
73 SBADD7
72 SBADD8
71 GND
70 SBADD9
69 SBADD10
68 SBADD11
67 SBADD12
66 SBADD13
65 SBADD14
64 SBADD15
63 SBADD16
62 GND
61 SBADD17
60 SBADD18
59 SBADD19
58 SBADD20
57 SBADD21
56 SBADD22
55 SBADD23
54 SBADD24
53 SBADD25
52 GND
51 SBDAT0
50 SBDAT1
49 SBDAT2
48 SBDAT3
47 SBDAT4
46 SBDAT5
45 SBDAT6
44 SBDAT7
43 GND
42 SBDAT8
41 SBDAT9
40 SBDAT10
39 SBDAT11
38 SBDAT12
37 SBDAT13
36 SBDAT14
35 SBDAT15
34 GND
33 MAIN_CLK
32 GND
31 N_MAIN_CE0
30 N_MAIN_CE1
29 N_MAIN_WE0
28 N_MAIN_WE1
27 N_MAIN_OE
26 MAIN_RDY
25 N_MAIN_RST
24 MAIN_INT0
23 GND
22 I2CSCL0
21 I2CSDA0
20 GND
19 I2CSCL1
18 I2CSDA1
17 GND
16 I2CEXT
15 UATXD_A
14 UARXD_A
13 PM_REQ
12 LNBCONT
11 LINKPOW
10 USPOW
9 TEMPOUT
8 GND
7 RS_ON
6 MAIN_INT1
5 N_EXT_BOOT
4 GND
3 CBOOTS
2 SRESET
1 +3.3V電源

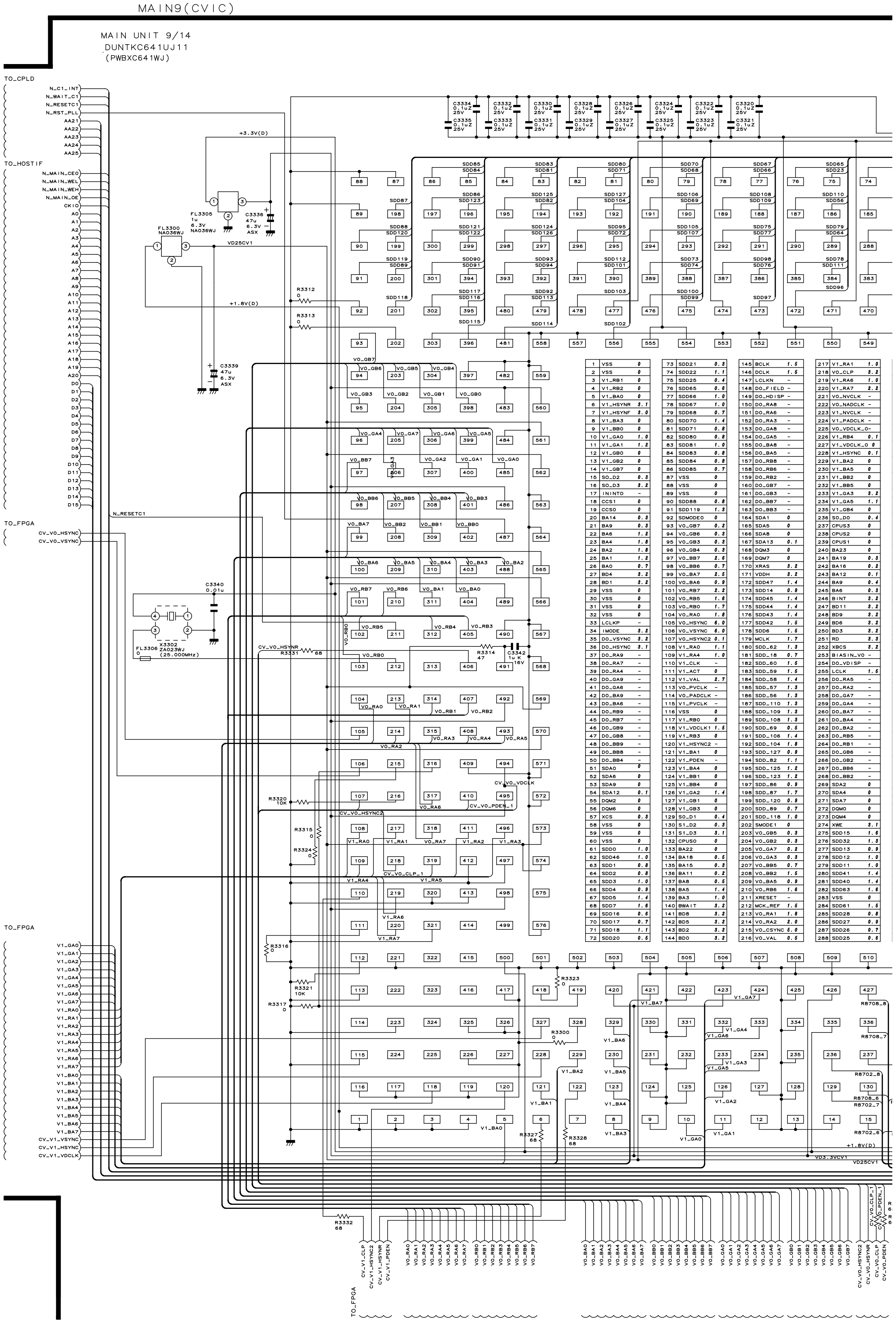

SC2102
WA240WJ
GND
SBADD1
SBADD2
SBADD3
SBADD4
SBADD5
SBADD6
SBADD7
SBADD8
GND
SBADD9
SBADD10
SBADD11
SBADD12
SBADD13
SBADD14
SBADD15
SBADD16
GND
SBADD17
SBADD18
SBADD19
SBADD20
SBADD21
SBADD22
SBADD23
SBADD24
SBADD25
GND
SBDAT0
SBDAT1
SBDAT2
SBDAT3
SBDAT4
SBDAT5
SBDAT6
SBDAT7
GND
SBDAT8
SBDAT9
SBDAT10
SBDAT11
SBDAT12
SBDAT13
SBDAT14
SBDAT15
GND
MAIN_CLK
GND
N_MAIN_CE0
N_MAIN_CE1
N_MAIN_WE0
N_MAIN_WE1
N_MAIN_OE
MAIN_RDY
N_MAIN_RST
MAIN_INT0
GND
I2CSCL0
I2CSDA0
GND
I2CSCL1
I2CSDA1
GND
I2CEXT
UATXD_A
UARXD_A
PM_REQ
LNBCONT
LINKPOW
USPOW
TEMPOUT
GND
RS_ON
MAIN_INT1
N_EXT_BOOT
GND
CBOOTS
SRESET
+3.3V電源
R2121
0
TO_CVIC
CK10
R2129
10K
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
A15
A16
A17
A18
A19
A20
N_MAIN_CE0
N_MAIN_OE
N_MAIN_WEL
N_MAIN_WEH
D0
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
TO_POWER
+3.3V(D)
TO_CPLD
N_MAIN_INT1
A1
A2
A3
A4
A5
A6
A18
A19
A20
A21
A22
A23
A24
A25
D0
D1
D2
D3
D4
D5
D6
D7
N_MAIN_WEL
N_MAIN_WEH
N_MAIN_OE
N_MAIN_RST
N_MAIN_INT0
N_MAIN_CE0
N_MAIN_CE1
N_MAIN_RDY
N_RST_EXI2C
N_INT_EXI2C
N_CE_EXI2C
N_OE_EXI2C
N_WE_EXI2C
+3.3V(D)
IC2101
A873WJ
C2101
0.1uZ
25V
R2118
1.8K
R2119
1.8K
R2116
0
R2117
0
D0
D1
D2
D3
D4
D5
D6
D7
R2115
47
1 D0
2 D1
3 D2
4 D3
5 D4
6 D5
7 D6
8 D7
9 DNU
NC
10 Vss
Vdd 20
SDA 19
SCL 18
/RESET 17
/INT 16
A1 15
A0 14
/CE 13
/RD 12
/WR 11
A2
A1
IC2102
BR24L64F
C2106
0.1uZ
25V
+3.3V(D)
1 E0
2 E1
3 E2
4 VSS
VCC 8
/WC 7
SCL 6
SDA 5
R2112
47
R2107
47
R2120
0
R2127
0
SCL_B
SDA_B
R2153
0
SCL_C
SDA_C
SCL_A
SDA_A
R2123
0
TO_JOINT
SCL_A
SDA_A
SCL_B
SDA_B
SCL_C
SDA_C
10
11
12
13
14
15
16
17
18
19

■ MAIN Unit-7/13

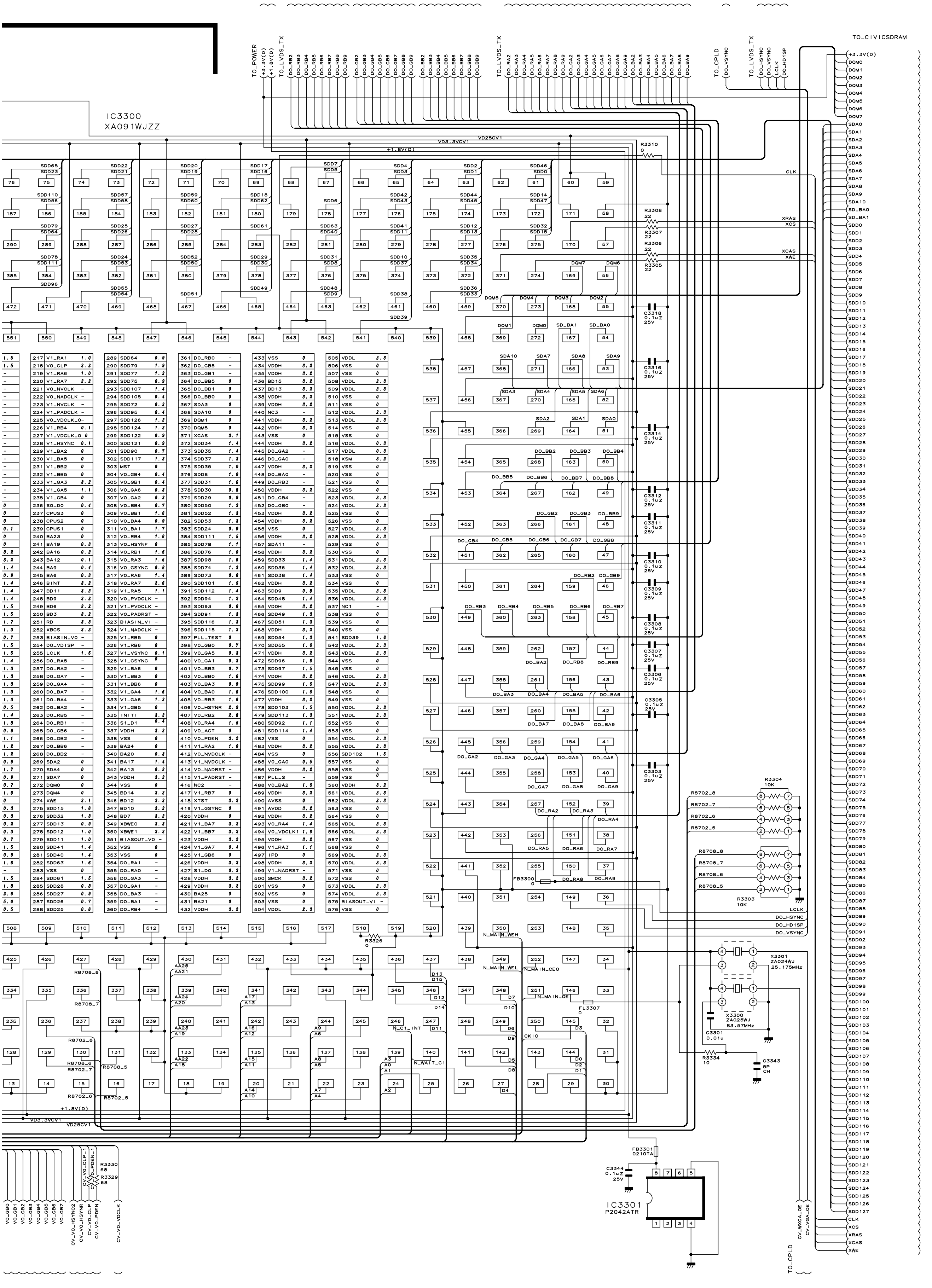

MAIN8(CPLD)
MAIN UNIT 8/14
DUNTKC641UJ11
(PWBXC641WJ)
*P1001
N0056CE
PROGRAM_PORT
TCK 1
GND 2
TDO 3
+3.3V 4
TMS 5
TDI 6
NC
R1010
4.7K
PLD_TCK
PLD_TMS
PLD_TDI
PLD_TDCHAIN
PCC_RST
SENCE_3V
VCI_RST
Y/COMP1
Y/COMP2
VBIFLAG1
VBIFLAG2
AD_HS_SEL
AD_HV_SEL1
AD_HV_SEL2
FLASH_W
SRST
MONI_DET
RST_PL
R1008
0
R1011
47
R1014
47
R1015
47
R1078
10K
C1004
0.1uZ
25V
TO_GR
GR_SEL
TO_LVDS TX
N_RST_PL
TO_FPGA
PLD_TDCHAIN
PLD_TMS
PLD_TCK
PLD_TDO
CLK33MB
N_XC2S_PROG
XC2S_DONE
N_XC2S_INIT
N_CE_FPGA
N_INT_FPGA
N_OE_FPGA
N_WE_FPGA
N_ACK_FPGA
TO_HOSTIF
N_RST_EXI2C
N_INT_EXI2C
N_WE_EXI2C
N_OE_EXI2C
N_CE_EXI2C
N_MAIN_INT1
N_MAIN_CE0
N_MAIN_CE1
N_MAIN_OE
N_MAIN_WEL
N_MAIN_WEH
N_MAIN_INT0
N_MAIN_RDY
N_MAIN_RST
D0
D1
D2
D3
D4
D5
D6
D7
A1
A2
A3
A4
A5
A6
A18
A19
A20
A21
A22
A23
A24
A25
TO_JOINT
1BIT_PROTECT
C1_PLUG
DVI_HPLG
DVI_SCDT
HDMI_HPOW
HDMI_INT
R1001
10K
R1002
10K
R1003
10K
R1004
47
C1002
0.1uZ
25V
R1075
0
R1049
47
R1016
47
R1077
47
R1005
47
R1006
47
R1007
47
R1012
0
R1009
0
R1013
0
C1005
0.1uZ
25V
C1007
0.1uZ
25V
R1073
47
R1074
47
VccIO
I/O/GTS3
I/O/GTS4
I/O/GTS1
I/O/GTS2
VccINT
GND
I/O/GSR
I/O/GCK1
I/O/GCK2
I/O/GCK3
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


TO_POWER
+3.3V(D)
ADPOW
VCIPOW
TO_VCI1
VCI_RST
Y/COMP1
VBIFLAG1
TO_VCI2
Y/COMP2
VBIFLAG2
TO_AD
AD_HS_SEL
AD_HV_SEL1
AD_HV_SEL2
TO_P-CON
FLASH_W
SRST
HOTPLG
ACL_SW
MSP_RST
TV_COL1
TV_COL2
MONI_DET
RST_PL
HP_MUTE
L.MUTE
DAC_RESET
SMPOWHOLD
CSEN1_A
TEMP_PSEL_SW
CIVIC.SEL
SENCE_3V
TO_JOINT
PCC_RST
FAN_CONT
MONI_DOWN
TO_FPGA
FPGA_RSV0
FPGA_RSV1
FPGA_RSV2
FPGA_RSV3
FPGA_RSV4
FPGA_RSV5
FPGA_RSV6
FPGA_RSV7
FPGA_IRQ0
FPGA_IRQ1
FPGA_IRQ2
FPGA_IRQ3
FPGA_IRQ4
FPGA_IRQ5
FPGA_IRQ6
FPGA_IRQ7
N_FPGA_RST
TO_CVIC
DO_VSYNC
CV_VGA_OE
CV_WXGA_OE
N_RESETC1
N_RST_PLL
N_WAIT_C1
N_C1_INT
AA21
AA22
AA23
AA24
AA25
AA21〜AA25はバス。まとめて配線。まとめてGND_Bでシールド。
TO_JOINT
4586_INT
SP_PLUG
IC1001
A869WJ N1
R1014 47
R1015 47
R1017 47
R1025 0
R1079 100
R1023 10K
C1006 0.1uZ 25V
C1008 0.1uZ 25V
PLD_TDCHAIN
VccIO
GND
VccINT
R1080 0
R1081 0
R1026 47
C1011 0.1uZ 25V
R1082 0
R1028 10K
R1034 10K
R1019
R1018 0
R1020 0
R1029 47
R1030 47
R1031 47
R1032 47
R1033 47
C1012 0.1uZ 25V
R1021 0
R1073 47
R1074 47
C1009 0.1uZ 25V
TDI
TMS
TCK
PLD_TDI
PLD_TMS
PLD_TCK
D4
D5
D6
D7
A18
A19
A20
A21
A22
A23
A25
A1
A2
A3
A4
A5
A6
FAN_CONT
MONI_DOWN
10
11
12
13
14
15
16
17
18
19

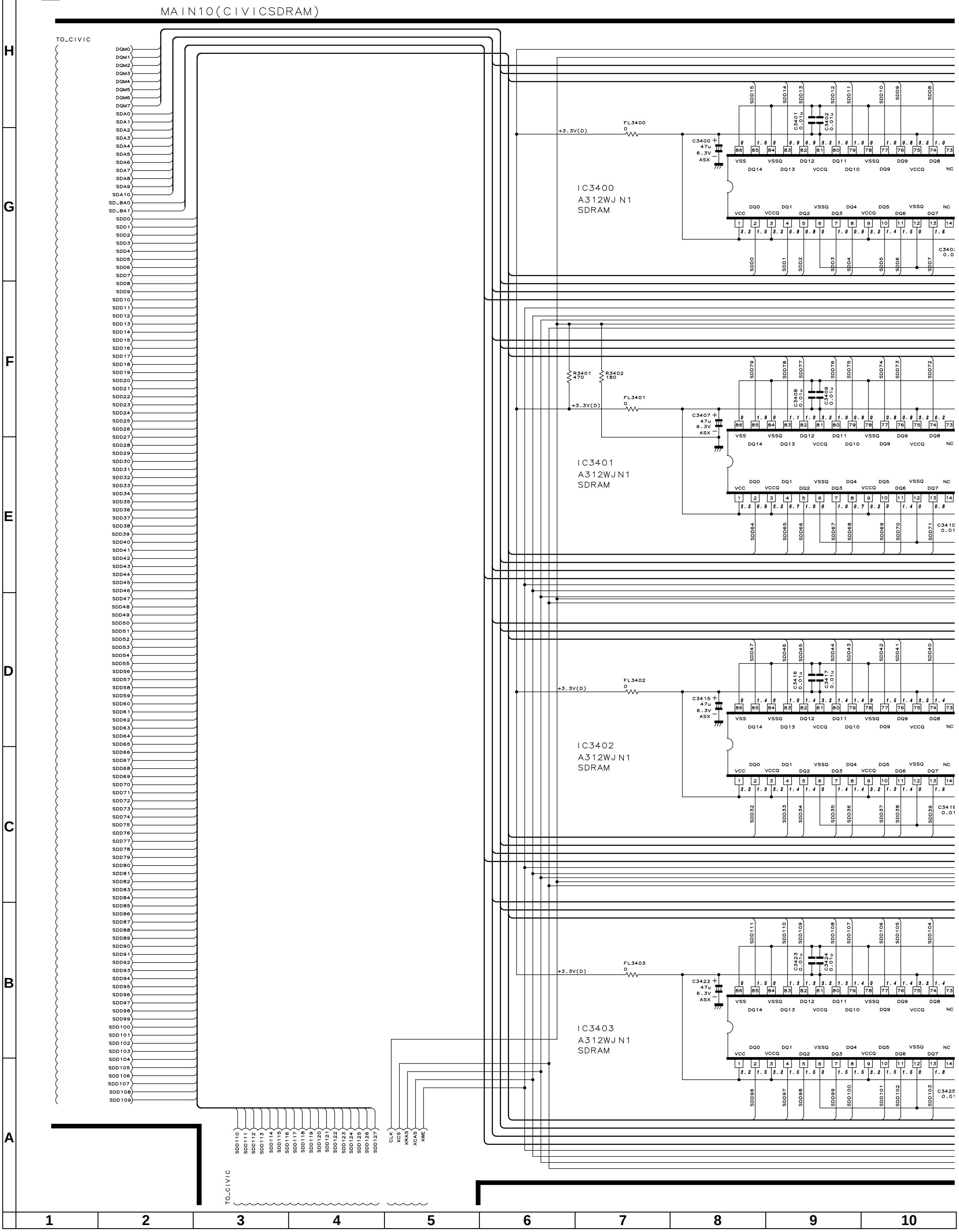
MAIN Unit-8/13

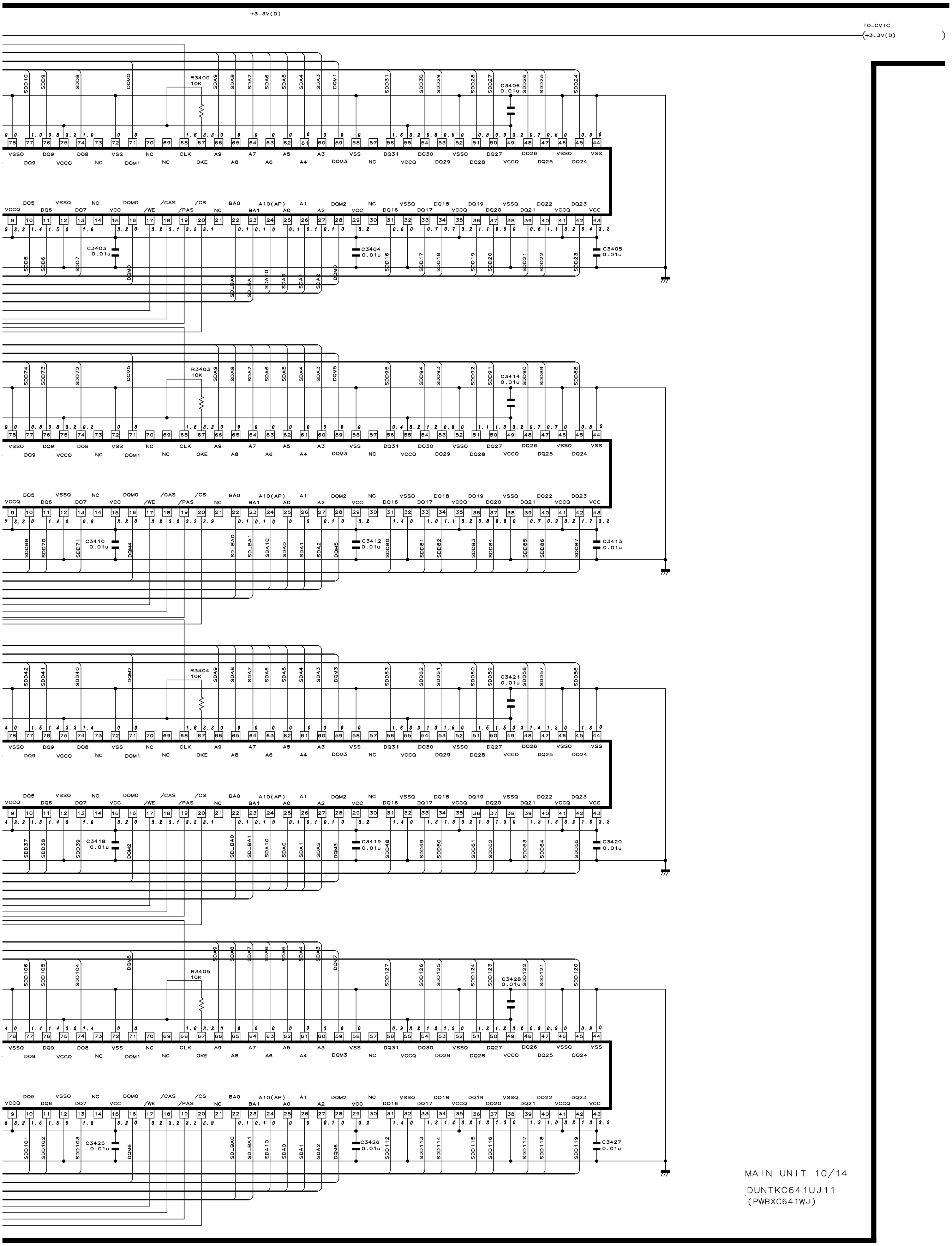

MAIN9(CVIC)
MAIN UNIT 9/14
DUNTKC641UJ11
(PWBXC641WJ)
TO_CPLD
N_C1_INT
N_WAIT_C1
N_RESETC1
N_RST_PLL
AA21
AA22
AA23
AA24
AA25
TO_HOSTIF
N_MAIN_CE0
N_MAIN_WEL
N_MAIN_WEH
N_MAIN_OE
CKI0
TO_FPGA
CV_V0_HSYNC
CV_V0_VSYNC
+3.3V(D)
+1.8V(D)
VD25CV1
FL3300
NA036WJ
FL3305
C3336
C3339
C3340
0.01u
X3302
ZA023WJ
(25.000MHz)
FL3306
R3312
R3313
R3331
R3314
C3342
R3320
R3315
R3324
R3316
R3321
R3317
R3323
R3300
R3327
R3328
R3332
V1_GA0
V1_BA0
CV_V1_VSYNC
CV_V1_HSYNC
CV_V1_VDCLK
CV_V1_CLP
CV_V1_HSYNR
CV_V1_PDEN
CV_V0_HSYNC2
CV_V0_VDCLK
CV_V0_PDEN_1
CV_V0_CLP_1
VD3.3VCV1
VD25CV1
R8708_8
R8708_7
R8702_8
R8708_6
R8702_7
R8702_6
+1.8V(D)

1	VSS	0	73	SDD21	0.3	145	BCLK	1.5	217	V1_RA1	1.0
2	VSS	0	74	SDD22	1.1	146	DCLK	1.5	218	V0_CLP	3.2
3	V1_RB1	0	75	SDD25	0.4	147	LCLKN	-	219	V1_RA6	1.0
4	V1_RB2	0	76	SDD65	0.6	148	DO_FIELD	-	220	V1_RA7	2.2
5	V1_BA0	0	77	SDD66	1.0	149	DO_HDISP	-	221	V0_NVCLK	-
6	V1_HSYNR	3.1	78	SDD67	1.0	150	DO_RA8	-	222	V0_NADCLK	-
7	V1_HSYNF	3.0	79	SDD68	0.7	151	DO_RA6	-	223	V1_NVCLK	-
8	V1_BA3	0	80	SDD70	1.4	152	DO_RA3	-	224	V1_PADCLK	-
9	V1_BB0	0	81	SDD71	0.8	153	DO_GA8	-	225	V0_VDCLK_0	-
10	V1_GA0	1.0	82	SDD80	0.8	154	DO_GA5	-	226	V1_RB4	0.1
11	V1_GA1	1.2	83	SDD81	1.0	155	DO_BA8	-	227	V1_VDCLK_0	0
12	V1_GB0	0	84	SDD83	0.8	156	DO_BA5	-	228	V1_HSYNC	0.1
13	V1_GB2	0	85	SDD84	0.8	157	DO_RB8	-	229	V1_BA2	0
14	V1_GB7	0	86	SDD85	0.7	158	DO_RB6	-	230	V1_BA5	0
15	SO_D2	0.3	87	VSS	0	159	DO_RB2	-	231	V1_BB2	0
16	SO_D3	3.2	88	VSS	0	160	DO_GB7	-	232	V1_BB5	0
17	ININTO	-	89	VSS	0	161	DO_GB3	-	233	V1_GA3	3.2
18	CCS1	0	90	SDD88	0.8	162	DO_BB7	-	234	V1_GA5	1.1
19	CCS0	0	91	SDD119	1.3	163	DO_BB3	-	235	V1_GB4	0
20	BA14	0.3	92	SDMODE0	0	164	SDA1	0	236	SO_D0	0.4
21	BA9	0.3	93	V0_GB7	0.2	165	SDA5	0	237	CPUS3	0
22	BA6	1.2	94	V0_GB6	0.3	166	SDA8	0	238	CPUS2	0
23	BA4	1.8	95	V0_GB3	0.3	167	SDA13	0.1	239	CPUS1	0
24	BA2	1.8	96	V0_GB4	0.3	168	DQM3	0	240	BA23	0
25	BA1	1.2	97	V0_BB7	2.6	169	DQM7	0	241	BA19	0.3
26	BA0	0.7	98	V0_BB6	0.7	170	XRAS	3.2	242	BA16	0.2
27	BD4	3.2	99	V0_BA7	2.5	171	VDDH	3.2	243	BA12	0.1
28	BD1	3.2	100	V0_BA6	0.9	172	SDD47	1.4	244	BA9	0.4
29	VSS	0	101	V0_RB7	2.2	173	SDD14	0.9	245	BA6	0.3
30	VSS	0	102	V0_RB5	1.6	174	SDD45	1.4	246	BINT	3.2
31	VSS	0	103	V0_RB0	1.7	175	SDD44	1.4	247	BD11	3.2
32	VSS	0	104	V0_RA0	1.8	176	SDD43	1.4	248	BD9	3.2
33	LCLKP	-	105	V0_HSYNC	6.0	177	SDD42	1.5	249	BD6	3.2
34	IMODE	3.2	106	V0_VSYNC	6.0	178	SDD6	1.5	250	BD3	3.2
35	DO_VSYNC	3.2	107	V0_HSYNC2	0.1	179	MCLK	1.7	251	RD	3.3
36	DO_HSYNC	3.1	108	V1_RA0	1.1	180	SDD_62	1.3	252	XBCS	3.2
37	DO_RA9	-	109	V1_RA4	1.0	181	SDD_18	0.7	253	BIASIN_V0	-
38	DO_RA7	-	110	V1_CLK	-	182	SDD_60	1.5	254	DO_VDISP	-
39	DO_RA4	-	111	V1_ACT	0	183	SDD_59	1.5	255	LCLK	1.5
40	DO_GA9	-	112	V1_VAL	2.7	184	SDD_58	1.4	256	DO_RA5	-
41	DO_GA6	-	113	V0_PVCLK	-	185	SDD_57	1.3	257	DO_RA2	-
42	DO_BA9	-	114	V0_PADCLK	-	186	SDD_56	1.3	258	DO_GA7	-
43	DO_BA6	-	115	V1_PVCLK	-	187	SDD_110	1.3	259	DO_GA4	-
44	DO_RB9	-	116	VSS	0	188	SDD_109	1.3	260	DO_BA7	-
45	DO_RB7	-	117	V1_RB0	0	189	SDD_108	1.3	261	DO_BA4	-
46	DO_GB9	-	118	V1_VDCLK1	1.5	190	SDD_69	0.5	262	DO_BA2	-
47	DO_GB8	-	119	V1_RB3	0	191	SDD_106	1.4	263	DO_RB5	-
48	DO_BB9	-	120	V1_HSYNC2	-	192	SDD_104	1.8	264	DO_RB1	-
49	DO_BB8	-	121	V1_BA1	0	193	SDD_127	0.9	265	DO_GB6	-
50	DO_BB4	-	122	V1_PDEN	-	194	SDD_82	1.1	266	DO_GB2	-
51	SDA0	0	123	V1_BA4	0	195	SDD_125	1.2	267	DO_BB6	-
52	SDA6	0	124	V1_BB1	0	196	SDD_123	1.2	268	DO_BB2	-
53	SDA9	0	125	V1_BB4	0	197	SDD_86	0.9	269	SDA2	0
54	SDA12	0.1	126	V1_GA2	1.4	198	SDD_87	1.7	270	SDA4	0
55	DQM2	0	127	V1_GB1	0	199	SDD_120	0.9	271	SDA7	0
56	DQM6	0	128	V1_GB3	0	200	SDD_89	0.7	272	DQM0	0
57	XCS	0.3	129	S0_D1	0.4	201	SDD_118	1.0	273	DQM4	0
58	VSS	0	130	S1_D2	0.3	202	SMODE1	0	274	XWE	3.1
59	VSS	0	131	S1_D3	3.1	203	V0_GB5	0.3	275	SDD15	1.6
60	VSS	0	132	CPUS0	0	204	V0_GB2	0.3	276	SDD32	1.3
61	SDD0	1.0	133	BA22	0	205	V0_GA7	0.2	277	SDD13	0.9
62	SDD46	1.0	134	BA18	0.5	206	V0_GA3	0.3	278	SDD12	1.0
63	SDD1	0.8	135	BA15	0.3	207	V0_BB5	0.7	279	SDD11	1.0
64	SDD2	0.8	136	BA11	0.2	208	V0_BB2	1.5	280	SDD41	1.4
65	SDD3	1.0	137	BA8	0.5	209	V0_BA5	0.9	281	SDD40	1.4
66	SDD4	0.9	138	BA5	1.4	210	V0_RB6	1.6	282	SDD63	1.6
67	SDD5	1.4	139	BA3	1.0	211	XRESET	-	283	VSS	0
68	SDD7	1.6	140	BWAIT	3.2	212	MCK_REF	1.5	284	SDD61	1.5
69	SDD16	0.6	141	BD8	3.2	213	V0_RA1	1.8	285	SDD28	0.8
70	SDD17	0.7	142	BD5	3.2	214	V0_RA2	2.0	286	SDD27	0.9
71	SDD18	1.1	143	BD2	3.2	215	V0_CSYNC	5.0	287	SDD26	0.7
72	SDD20	0.5	144	BD0	3.2	216	V0_VAL	0.5	288	SDD25	0.6


IC3300
XA091WJZZ
TO_POWER
+3.3V(D)
+1.8V(D)
TO_LVDS_TX
TO_CPLD
TO_CIVICSDRAM
VD25CV1
VD3.3VCV1
R3310
CLK
XRAS
XCS
XCAS
XWE
R3308
R3307
R3306
R3305
C3318
C3316
C3314
C3312
C3311
C3310
C3309
C3308
C3307
C3306
C3305
C3303
R3304
10K
R3303
10K
R8702_8
R8702_7
R8702_6
R8702_5
R8708_8
R8708_7
R8708_6
R8708_5
FB3300
R3326
N_MAIN_WEH
N_MAIN_WEL
N_MAIN_CEO
N_MAIN_OE
FL3307
N_C1_INT
N_WAIT_C1
X3301
ZA024WJ
25.175MHz
X3300
ZA025WJ
83.57MHz
C3301
0.01u
R3334
10
C3343
5P
CH
LCLK
DO_HSYNC
DO_HD1SP
DO_VSYNC
FB3301
0210TA
C3344
0.1uZ
25V
IC3301
P2042ATR
R3330
68
R3329
68
CV_WXGA_OE
CV_VGA_OE
10
11
12
13
14
15
16
17
18
19

■ MAIN Unit-9/13

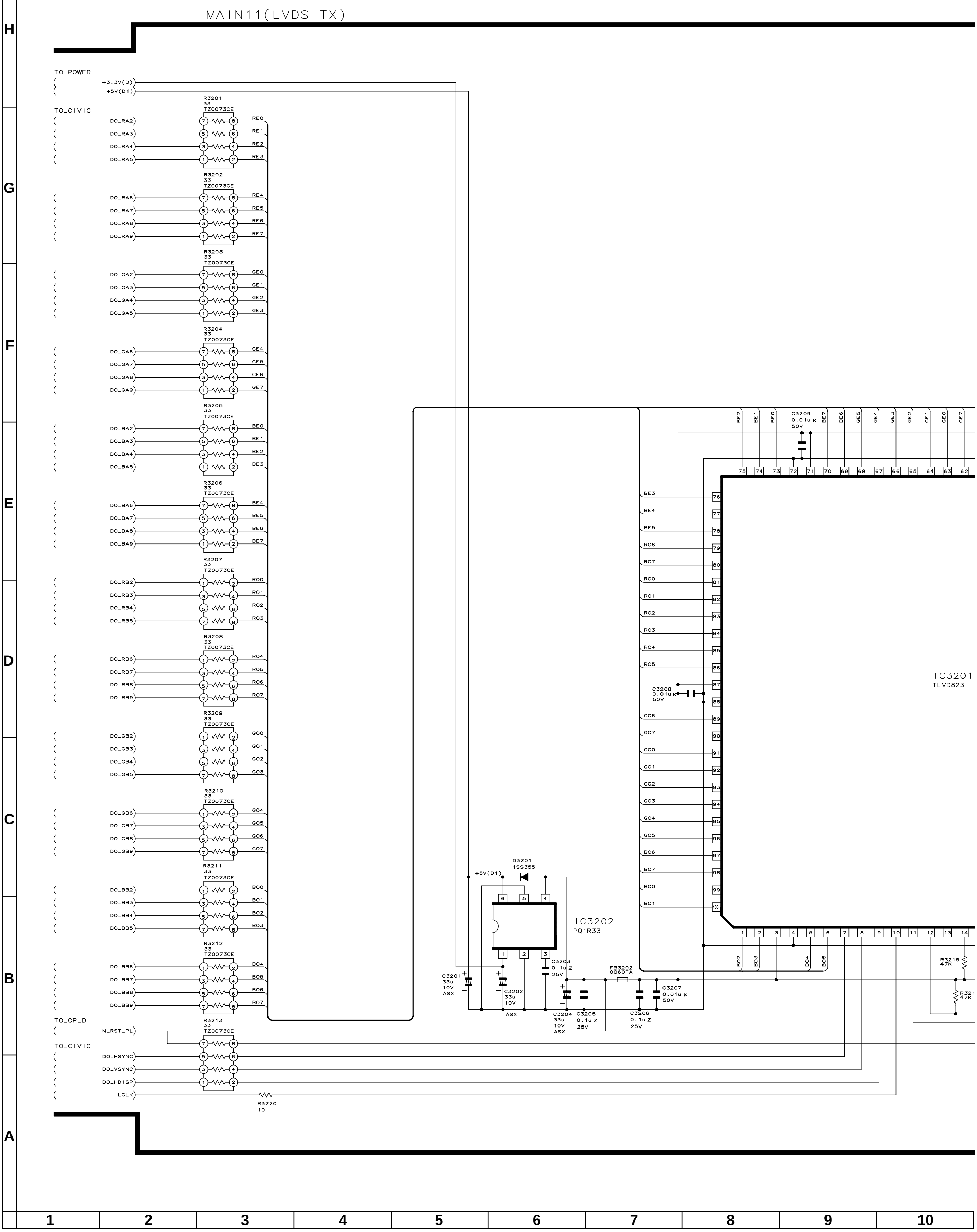

MAIN10(CIVICSDRAM)
TO_CIVIC
DQM0
DQM1
DQM2
DQM3
DQM4
DQM5
DQM6
DQM7
SDA0
SDA1
SDA2
SDA3
SDA4
SDA5
SDA6
SDA7
SDA8
SDA9
SDA10
SD_BA0
SD_BA1
SDD0
SDD1
SDD2
SDD3
SDD4
SDD5
SDD6
SDD7
SDD8
SDD9
SDD10
SDD11
SDD12
SDD13
SDD14
SDD15
SDD16
SDD17
SDD18
SDD19
SDD20
SDD21
SDD22
SDD23
SDD24
SDD25
SDD26
SDD27
SDD28
SDD29
SDD30
SDD31
SDD32
SDD33
SDD34
SDD35
SDD36
SDD37
SDD38
SDD39
SDD40
SDD41
SDD42
SDD43
SDD44
SDD45
SDD46
SDD47
SDD48
SDD49
SDD50
SDD51
SDD52
SDD53
SDD54
SDD55
SDD56
SDD57
SDD58
SDD59
SDD60
SDD61
SDD62
SDD63
SDD64
SDD65
SDD66
SDD67
SDD68
SDD69
SDD70
SDD71
SDD72
SDD73
SDD74
SDD75
SDD76
SDD77
SDD78
SDD79
SDD80
SDD81
SDD82
SDD83
SDD84
SDD85
SDD86
SDD87
SDD88
SDD89
SDD90
SDD91
SDD92
SDD93
SDD94
SDD95
SDD96
SDD97
SDD98
SDD99
SDD100
SDD101
SDD102
SDD103
SDD104
SDD105
SDD106
SDD107
SDD108
SDD109
SDD110
SDD111
SDD112
SDD113
SDD114
SDD115
SDD116
SDD117
SDD118
SDD119
SDD120
SDD121
SDD122
SDD123
SDD124
SDD125
SDD126
SDD127
CLK
XCS
XRAS
XCAS
XWE
TO_CIVIC
+3.3V(D)
FL3400 0
C3400 47u 6.3V ASX
C3401 0.01u
C3402 0.01u
IC3400 A312WJN1 SDRAM
R3401 470
R3402 180
FL3401 0
C3407 47u 6.3V ASX
C3408 0.01u
C3409 0.01u
IC3401 A312WJN1 SDRAM
FL3402 0
C3415 47u 6.3V ASX
C3416 0.01u
C3417 0.01u
IC3402 A312WJN1 SDRAM
FL3403 0
C3422 47u 6.3V ASX
C3423 0.01u
C3424 0.01u
IC3403 A312WJN1 SDRAM
VSS VSSQ DQ12 DQ11 VSSQ DQ9 DQ8
DQ14 DQ13 VCCQ DQ10 DQ9 VCCQ NC
DQ0 DQ1 VSSQ DQ4 DQ5 VSSQ NC
VCC VCCQ DQ2 DQ3 VCCQ DQ6 DQ7
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

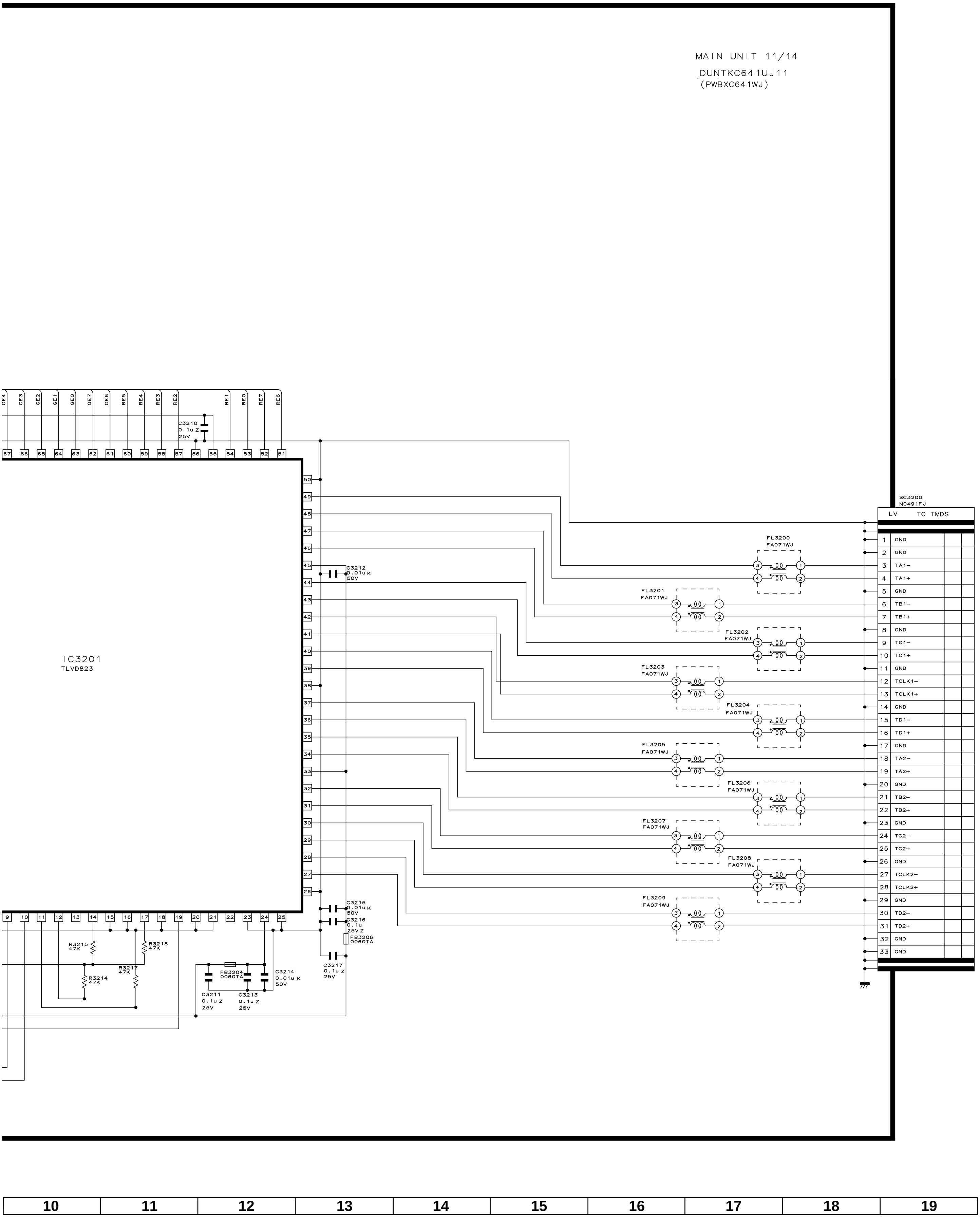

+3.3V(D)
TO_CVIC
+3.3V(D)
R3400
10K
R3403
10K
R3404
10K
R3405
10K
C3403
0.01u
C3404
0.01u
C3405
0.01u
C3406
0.01u
C3410
0.01u
C3412
0.01u
C3413
0.01u
C3414
0.01u
C3418
0.01u
C3419
0.01u
C3420
0.01u
C3421
0.01u
C3425
0.01u
C3426
0.01u
C3427
0.01u
C3428
0.01u
VSSQ
DQ9
VCCQ
DQ8
NC
VSS
DQM1
CLK
OKE
A9
A8
A7
A6
A5
A4
A3
DQM3
DQ31
DQ30
DQ29
DQ28
DQ27
DQ26
DQ25
DQ24
DQ5
DQ6
DQ7
VCC
DQM0
/WE
/CAS
/PAS
/CS
BA0
BA1
A10(AP)
A0
A1
A2
DQM2
DQ16
DQ17
DQ18
DQ19
DQ20
DQ21
DQ22
DQ23
SD_BA0
SD_BA1
SDA10

MAIN UNIT 10/14
DUNTKC641UJ11
(PWBXC641WJ)

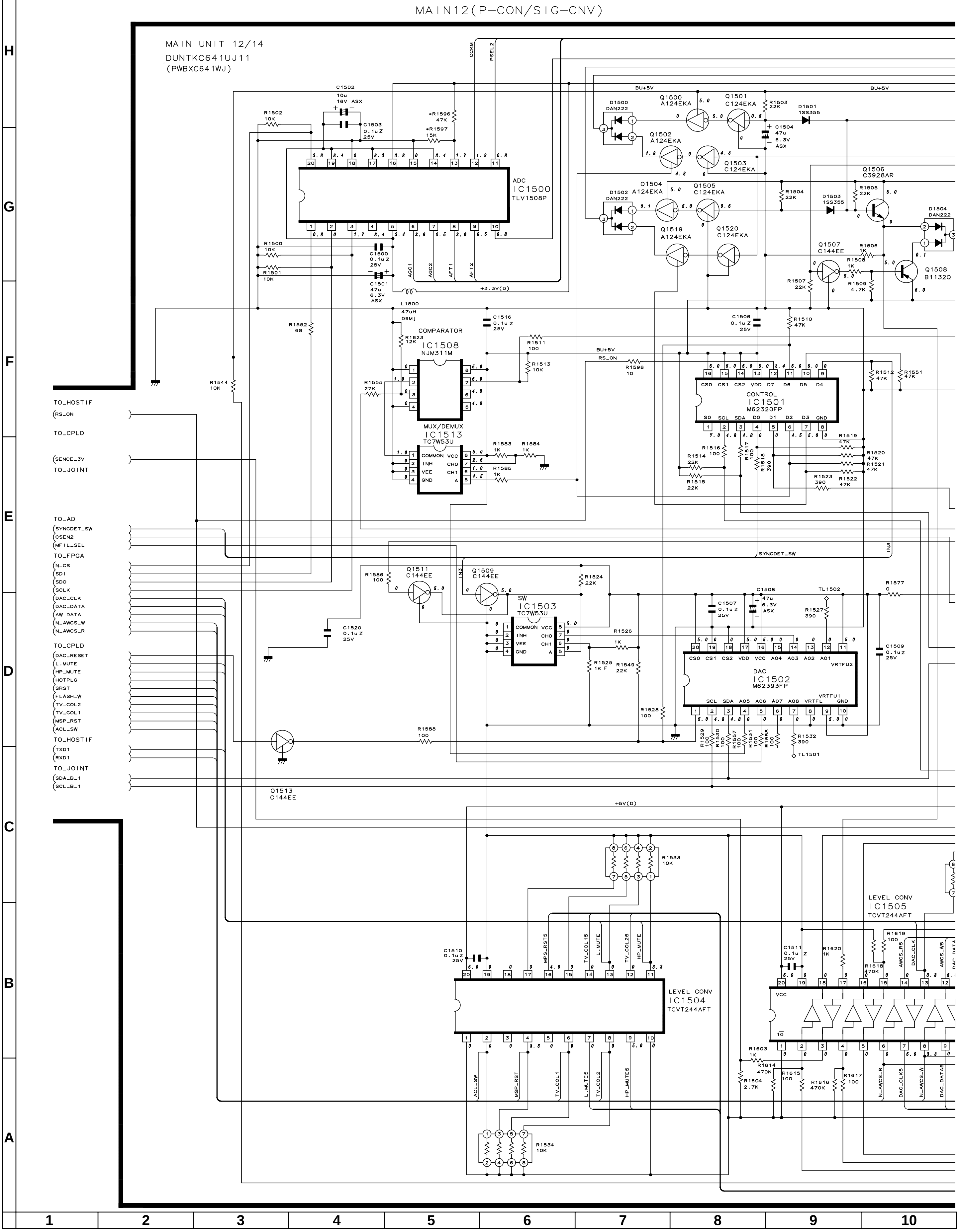
10	11	12	13	14	15	16	17	18	19

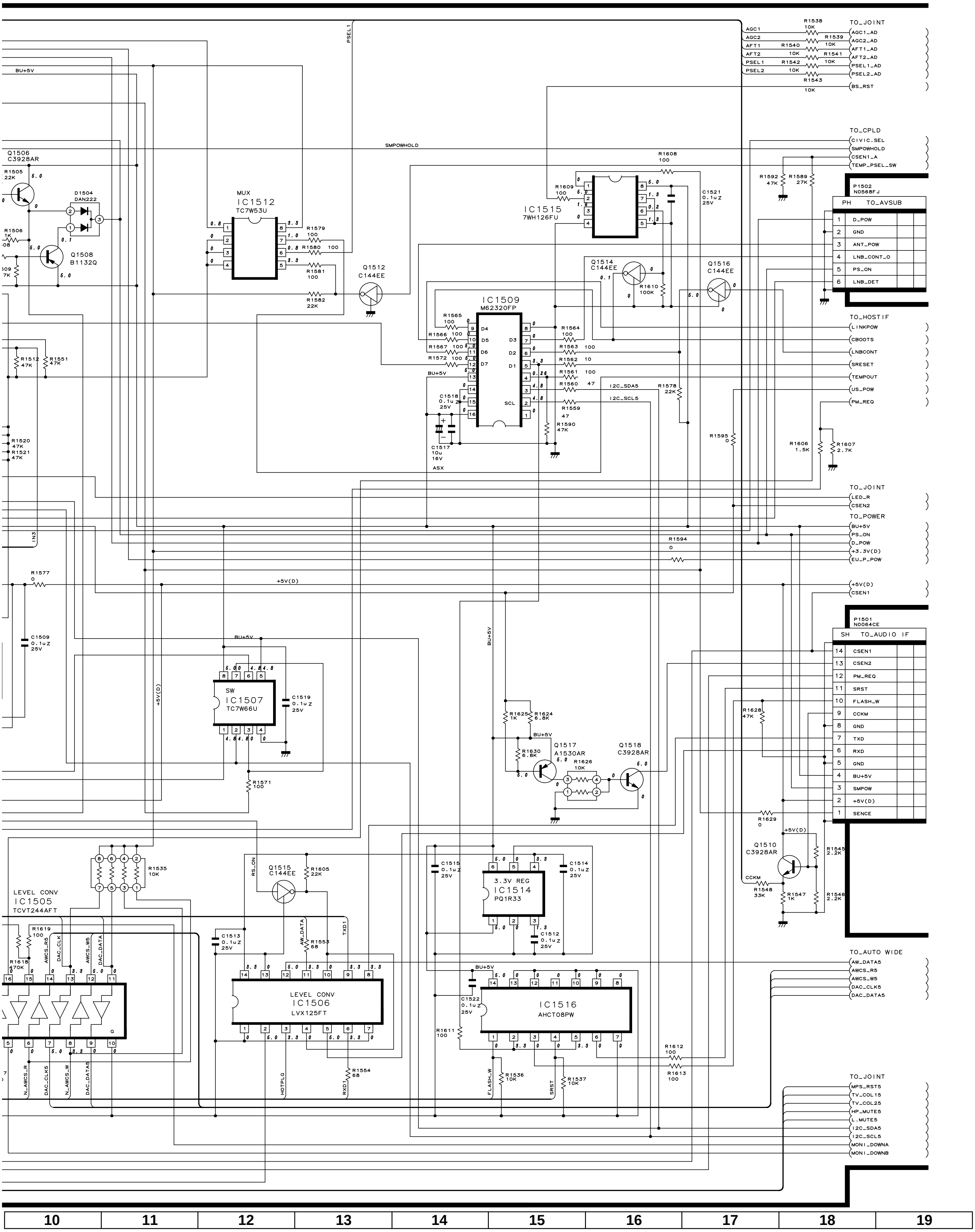
■ MAIN Unit-10/13


MAIN11(LVDS TX)
TO_POWER
+3.3V(D)
+5V(D1)
TO_CIVIC
DO_RA2
DO_RA3
DO_RA4
DO_RA5
DO_RA6
DO_RA7
DO_RA8
DO_RA9
DO_GA2
DO_GA3
DO_GA4
DO_GA5
DO_GA6
DO_GA7
DO_GA8
DO_GA9
DO_BA2
DO_BA3
DO_BA4
DO_BA5
DO_BA6
DO_BA7
DO_BA8
DO_BA9
DO_RB2
DO_RB3
DO_RB4
DO_RB5
DO_RB6
DO_RB7
DO_RB8
DO_RB9
DO_GB2
DO_GB3
DO_GB4
DO_GB5
DO_GB6
DO_GB7
DO_GB8
DO_GB9
DO_BB2
DO_BB3
DO_BB4
DO_BB5
DO_BB6
DO_BB7
DO_BB8
DO_BB9
TO_CPLD
N_RST_PL
TO_CIVIC
DO_HSYNC
DO_VSYNC
DO_HD1SP
LCLK
R3201 33 TZ0073CE
R3202 33 TZ0073CE
R3203 33 TZ0073CE
R3204 33 TZ0073CE
R3205 33 TZ0073CE
R3206 33 TZ0073CE
R3207 33 TZ0073CE
R3208 33 TZ0073CE
R3209 33 TZ0073CE
R3210 33 TZ0073CE
R3211 33 TZ0073CE
R3212 33 TZ0073CE
R3213 33 TZ0073CE
R3220 10
RE0 RE1 RE2 RE3 RE4 RE5 RE6 RE7
GE0 GE1 GE2 GE3 GE4 GE5 GE6 GE7
BE0 BE1 BE2 BE3 BE4 BE5 BE6 BE7
RO0 RO1 RO2 RO3 RO4 RO5 RO6 RO7
GO0 GO1 GO2 GO3 GO4 GO5 GO6 GO7
BO0 BO1 BO2 BO3 BO4 BO5 BO6 BO7
C3209 0.01u K 50V
C3208 0.01u K 50V
IC3201 TLVD823
D3201 1SS355
+5V(D1)
IC3202 PQ1R33
C3201 33u 10V ASX
C3202 33u 10V ASX
C3203 0.1u Z 25V
C3204 33u 10V ASX
C3205 0.1u Z 25V
FB3202 0060TA
C3206 0.1u Z 25V
C3207 0.01u K 50V
R3215 47K
R321 47K
H G F E D C B A
1 2 3 4 5 6 7 8 9 10

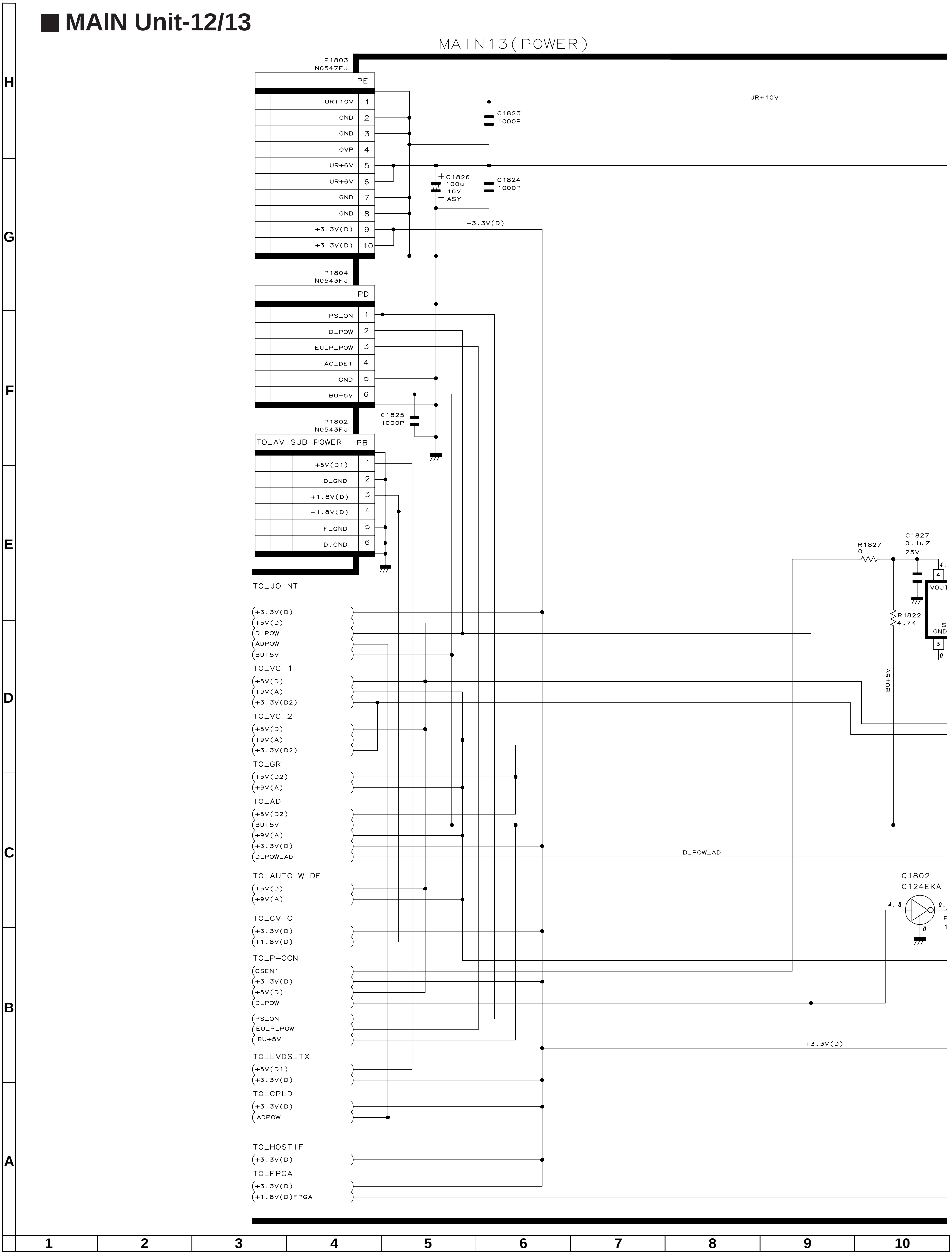

MAIN UNIT 11/14
DUNTKC641UJ11
(PWBXC641WJ)
IC3201
TLVD823
GE4 GE3 GE2 GE1 GE0 GE7 GE6 RE5 RE4 RE3 RE2 RE1 RE0 RE7 RE6
C3210
0.1u Z
25V
C3212
0.01u K
50V
C3215
0.01u K
50V
C3216
0.1u
25V Z
FB3206
0060TA
C3217
0.1u Z
25V
R3215
47K
R3218
47K
R3217
47K
R3214
47K
FB3204
0060TA
C3211
0.1u Z
25V
C3213
0.1u Z
25V
C3214
0.01u K
50V
FL3200
FA071WJ
FL3201
FA071WJ
FL3202
FA071WJ
FL3203
FA071WJ
FL3204
FA071WJ
FL3205
FA071WJ
FL3206
FA071WJ
FL3207
FA071WJ
FL3208
FA071WJ
FL3209
FA071WJ
SC3200
N0491FJ
LV
TO TMDS
1 GND
2 GND
3 TA1−
4 TA1+
5 GND
6 TB1−
7 TB1+
8 GND
9 TC1−
10 TC1+
11 GND
12 TCLK1−
13 TCLK1+
14 GND
15 TD1−
16 TD1+
17 GND
18 TA2−
19 TA2+
20 GND
21 TB2−
22 TB2+
23 GND
24 TC2−
25 TC2+
26 GND
27 TCLK2−
28 TCLK2+
29 GND
30 TD2−
31 TD2+
32 GND
33 GND
10 11 12 13 14 15 16 17 18 19

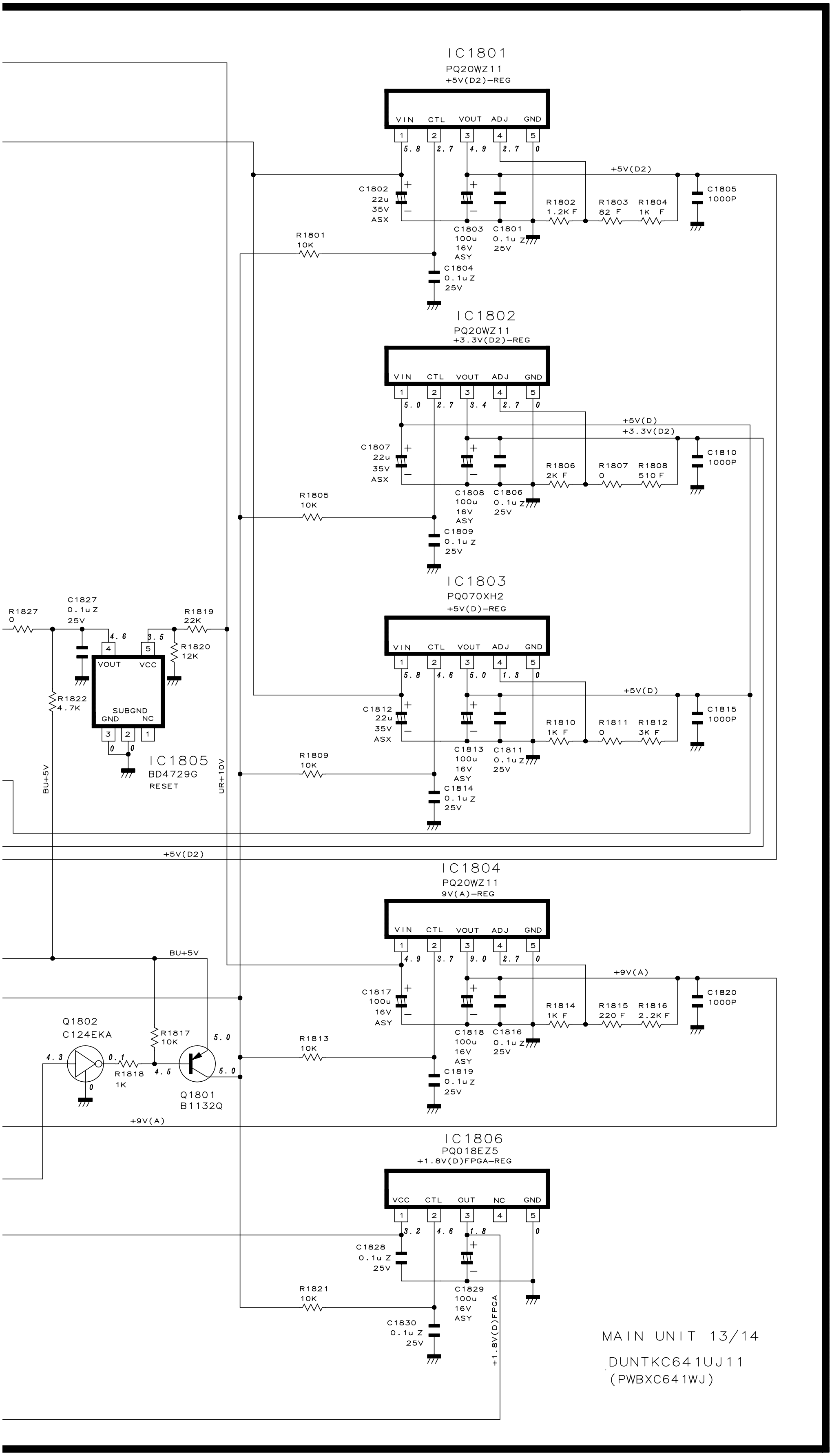
■ MAIN Unit-11/13


MAIN12(P-CON/SIG-CNV)
MAIN UNIT 12/14
DUNTKC641UJ11
(PWBXC641WJ)
CCKM
PSEL2
ADC
IC1500
TLV1508P
C1502 10u 16V ASX
C1503 0.1u Z 25V
R1502 10K
R1596 47K
R1597 15K
R1500 10K
R1501 10K
C1500 0.1u Z 25V
C1501 47u 6.3V ASX
AGC1
AGC2
AFT1
AFT2
+3.3V(D)
L1500 47uH D9MJ
C1516 0.1u Z 25V
R1552 68
COMPARATOR
IC1508
NJM311M
R1623 12K
R1511 100
R1513 10K
R1555 27K
R1544 10K
MUX/DEMUX
IC1513
TC7W53U
COMMON VCC
INH CH0
VEE CH1
GND A
R1583 1K
R1584 1K
R1585 1K
BU+5V
D1500 DAN222
Q1500 A124EKA
Q1501 C124EKA
R1503 22K
C1504 47u 6.3V ASX
D1501 1SS355
Q1502 A124EKA
Q1503 C124EKA
D1502 DAN222
Q1504 A124EKA
Q1505 C124EKA
Q1519 A124EKA
Q1520 C124EKA
R1504 22K
D1503 1SS355
Q1506 C3928AR
R1505 22K
D1504 DAN222
Q1507 C144EE
R1506 1K
R1508 1K
R1507 22K
R1509 4.7K
Q1508 B1132Q
C1506 0.1u Z 25V
R1510 47K
BU+5V
RS_ON
R1598 10
CONTROL
IC1501
M62320FP
CS0 CS1 CS2 VDD D7 D6 D5 D4
S0 SCL SDA D0 D1 D2 D3 GND
R1512 47K
R1551 47K
R1516 100
R1514 22K
R1515 22K
R1517 100
R1518 390
R1519 47K
R1520 47K
R1521 47K
R1522 47K
R1523 390
TO_HOSTIF
RS_ON
TO_CPLD
SENCE_3V
TO_JOINT
TO_AD
SYNCDET_SW
CSEN2
MFIL_SEL
TO_FPGA
N_CS
SDI
SDO
SCLK
DAC_CLK
DAC_DATA
AW_DATA
N_AWCS_W
N_AWCS_R
TO_CPLD
DAC_RESET
L.MUTE
HP_MUTE
HOTPLG
SRST
FLASH_W
TV_COL2
TV_COL1
MSP_RST
ACL_SW
TO_HOSTIF
TXD1
RXD1
TO_JOINT
SDA_B_1
SCL_B_1
SYNCDET_SW
IN3
R1586 100
Q1511 C144EE
Q1509 C144EE
SW
IC1503
TC7W53U
R1524 22K
C1520 0.1u Z 25V
R1526 1K
R1525 1K F
R1549 22K
R1588 100
Q1513 C144EE
C1508 47u 6.3V ASX
TL1502
R1577 0
C1507 0.1u Z 25V
R1527 390
C1509 0.1u Z 25V
DAC
IC1502
M62393FP
CS0 CS1 CS2 VDD VCC A04 A03 A02 A01 VRTFU2
SCL SDA A05 A06 A07 A08 VRTFL GND VRTFU1
R1528 100
R1529 100
R1530 100
R1557 100
R1531 100
R1558 100
R1532 390
TL1501
+5V(D)
R1533 10K
LEVEL CONV
IC1505
TCVT244AFT
C1510 0.1u Z 25V
MPS_RST5
TV_COL15
L.MUTE
TV_COL25
HP_MUTE
LEVEL CONV
IC1504
TCVT244AFT
ACL_SW
MSP_RST
TV_COL1
L.MUTE5
TV_COL2
HP_MUTE5
R1534 10K
C1511 0.1u Z 25V
R1620 1K
R1619 100
R1618 470K
AWCS_R5
DAC_CLK
AWCS_W5
DAC_DATA
VCC
1G
R1603 1K
R1614 470K
R1604 2.7K
R1615 100
R1616 470K
R1617 100
N_AWCS_R
DAC_CLK5
N_AWCS_W
DAC_DATA5
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


TO_JOINT
AGC1_AD
AGC2_AD
AFT1_AD
AFT2_AD
PSEL1_AD
PSEL2_AD
BS_RST
R1538 10K
R1539 10K
R1540 10K
R1541 10K
R1542 10K
R1543 10K
AGC1
AGC2
AFT1
AFT2
PSEL1
PSEL2
BU+5V
SMPOWHOLD
TO_CPLD
CIVIC.SEL
SMPOWHOLD
CSEN1_A
TEMP_PSEL_SW
Q1506 C3928AR
R1505 22K
D1504 DAN222
R1506 1K
Q1508 B1132Q
MUX
IC1512
TC7W53U
R1579 100
R1580 100
R1581 100
R1582 22K
Q1512 C144EE
R1608 100
R1609 100
IC1515
7WH126FU
C1521 0.1uZ 25V
R1592 47K
R1589 27K
P1502 N006BFJ
PH TO_AVSUB
1 D_POW
2 GND
3 ANT_POW
4 LNB_CONT_O
5 PS_ON
6 LNB_DET
Q1514 C144EE
R1610 100K
Q1516 C144EE
IC1509
M62320FP
R1565 100
R1566 100
R1567 100
R1572 100
R1564 100
R1563 100
R1562 10
R1561 100
R1560 47
R1559 47
R1590 47K
I2C_SDA5
I2C_SCL5
R1578 22K
C1518 0.1uZ 25V
C1517 10u 16V
ASX
R1512 47K
R1551 47K
R1520 47K
R1521 47K
R1595 0
R1606 1.5K
R1607 2.7K
TO_HOSTIF
LINKPOW
CBOOTS
LNBCONT
SRESET
TEMPOUT
US_POW
PM_REQ
TO_JOINT
LED_R
CSEN2
TO_POWER
BU+5V
PS_ON
D_POW
+3.3V(D)
EU_P_POW
R1594 0
R1577 0
+5V(D)
CSEN1
P1501 N0064CE
SH TO_AUDIO IF
14 CSEN1
13 CSEN2
12 PM_REQ
11 SRST
10 FLASH_W
9 CCKM
8 GND
7 TXD
6 RXD
5 GND
4 BU+5V
3 SMPOW
2 +5V(D)
1 SENCE
C1509 0.1uZ 25V
SW
IC1507
TC7W66U
C1519 0.1uZ 25V
R1571 100
R1625 1K
R1624 6.8K
Q1517 A1530AR
R1630 6.8K
R1626 10K
Q1518 C3928AR
R1628 47K
R1629 0
Q1510 C3928AR
R1545 2.2K
R1546 2.2K
R1547 1K
R1548 33K
CCKM
R1535 10K
LEVEL CONV
IC1505
TCVT244AFT
R1619 100
R1618 470K
AWCS_R5
DAC_CLK
AWCS_W5
DAC_DATA
N_AWCS_R
DAC_CLK5
N_AWCS_W
DAC_DATA5
RS_ON
Q1515 C144EE
R1605 22K
C1513 0.1uZ 25V
AW_DATA
R1553 68
TXD1
LEVEL CONV
IC1506
LVX125FT
HOTPLG
RXD1
R1554 68
C1515 0.1uZ 25V
3.3V REG
IC1514
PQ1R33
C1514 0.1uZ 25V
C1512 0.1uZ 25V
C1522 0.1uZ 25V
IC1516
AHCT08PW
R1611 100
FLASH_W
R1536 10K
SRST
R1537 10K
R1612 100
R1613 100
TO_AUTO WIDE
AW_DATA5
AWCS_R5
AWCS_W5
DAC_CLK5
DAC_DATA5
TO_JOINT
MPS_RST5
TV_COL15
TV_COL25
HP_MUTE5
L.MUTE5
I2C_SDA5
I2C_SCL5
MONI_DOWNA
MONI_DOWNB
10
11
12
13
14
15
16
17
18
19

■ MAIN Unit-12/13

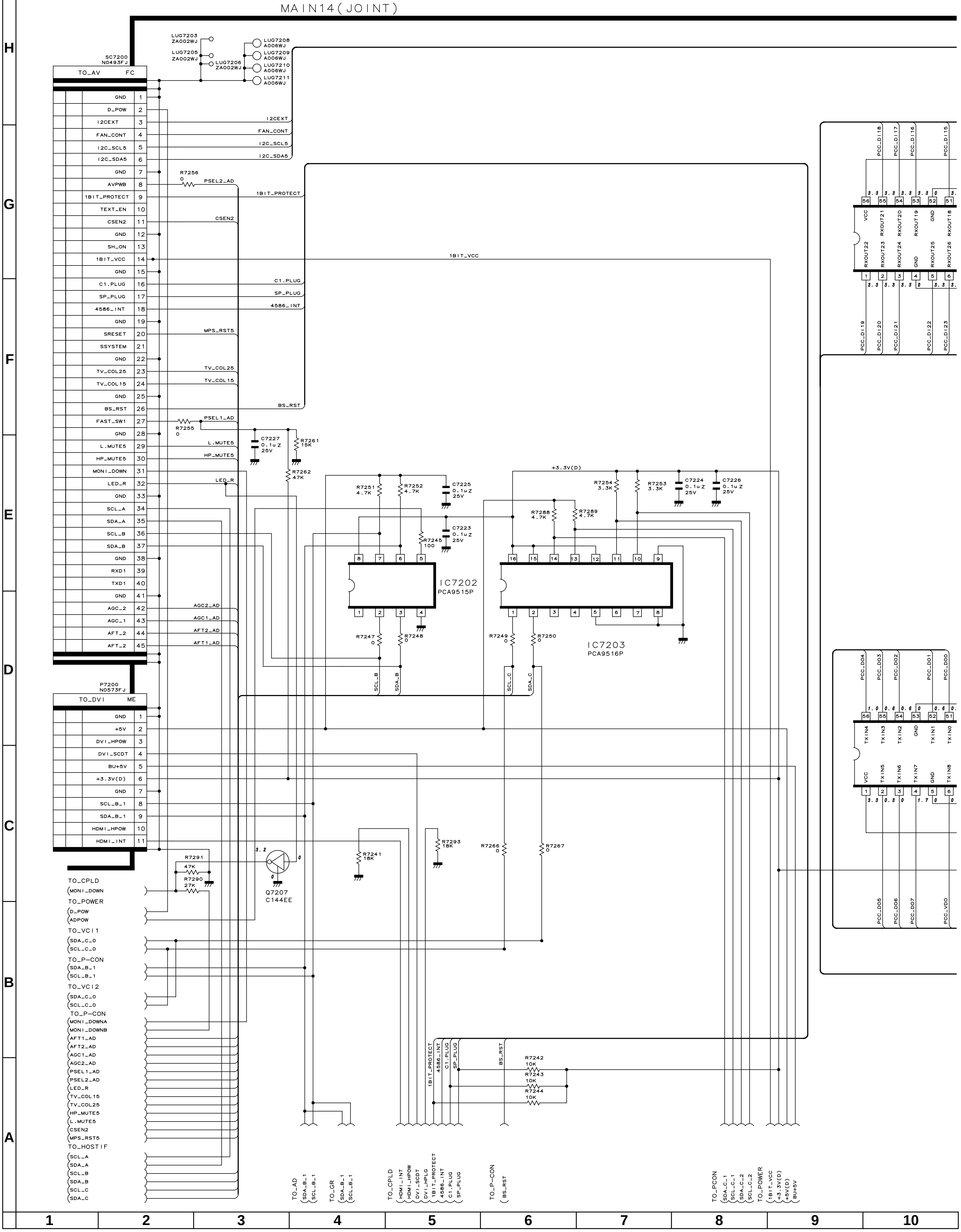

MAIN13(POWER)
P1803
N0547FJ
PE
UR+10V 1
GND 2
GND 3
OVP 4
UR+6V 5
UR+6V 6
GND 7
GND 8
+3.3V(D) 9
+3.3V(D) 10
C1823
1000P
UR+10V
C1826
100u
16V
ASY
C1824
1000P
+3.3V(D)
P1804
N0543FJ
PD
PS_ON 1
D_POW 2
EU_P_POW 3
AC_DET 4
GND 5
BU+5V 6
C1825
1000P
P1802
N0543FJ
TO_AV SUB POWER PB
+5V(D1) 1
D_GND 2
+1.8V(D) 3
+1.8V(D) 4
F_GND 5
D.GND 6
TO_JOINT
+3.3V(D)
+5V(D)
D_POW
ADPOW
BU+5V
TO_VCI1
+5V(D)
+9V(A)
+3.3V(D2)
TO_VCI2
+5V(D)
+9V(A)
+3.3V(D2)
TO_GR
+5V(D2)
+9V(A)
TO_AD
+5V(D2)
BU+5V
+9V(A)
+3.3V(D)
D_POW_AD
D_POW_AD
TO_AUTO WIDE
+5V(D)
+9V(A)
TO_CVIC
+3.3V(D)
+1.8V(D)
TO_P-CON
CSEN1
+3.3V(D)
+5V(D)
D_POW
PS_ON
EU_P_POW
BU+5V
+3.3V(D)
TO_LVDS_TX
+5V(D1)
+3.3V(D)
TO_CPLD
+3.3V(D)
ADPOW
TO_HOSTIF
+3.3V(D)
TO_FPGA
+3.3V(D)
+1.8V(D)FPGA
R1827
0
C1827
0.1uZ
25V
4
VOUT
GND
3
0
R1822
4.7K
BU+5V
Q1802
C124EKA
4.3
0
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

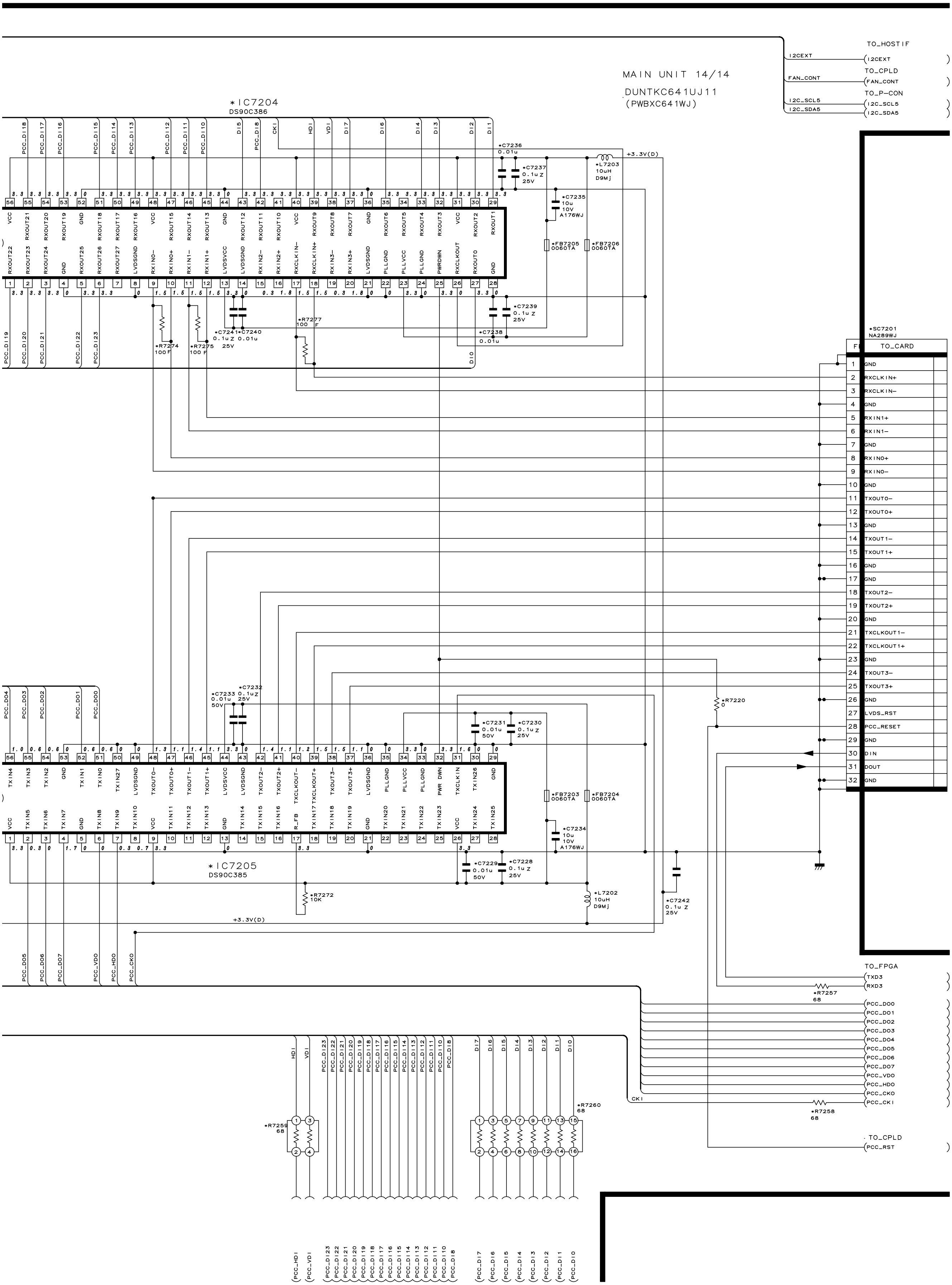

IC1801
PQ20WZ11
+5V(D2)-REG
VIN CTL VOUT ADJ GND
1 2 3 4 5
5.8 2.7 4.9 2.7 0
+5V(D2)
C1802 22u 35V ASX
C1803 100u 16V ASY
C1801 0.1u Z 25V
R1802 1.2K F
R1803 82 F
R1804 1K F
C1805 1000P
R1801 10K
C1804 0.1u Z 25V
IC1802
PQ20WZ11
+3.3V(D2)-REG
VIN CTL VOUT ADJ GND
5.0 2.7 3.4 2.7 0
+5V(D)
+3.3V(D2)
C1807 22u 35V ASX
C1808 100u 16V ASY
C1806 0.1u Z 25V
R1806 2K F
R1807 0
R1808 510 F
C1810 1000P
R1805 10K
C1809 0.1u Z 25V
IC1803
PQ070XH2
+5V(D)-REG
VIN CTL VOUT ADJ GND
5.8 4.6 5.0 1.3 0
+5V(D)
C1812 22u 35V ASX
C1813 100u 16V ASY
C1811 0.1u Z 25V
R1810 1K F
R1811 0
R1812 3K F
C1815 1000P
R1809 10K
C1814 0.1u Z 25V
R1827 0
C1827 0.1u Z 25V
R1819 22K
R1820 12K
4.6 3.5
VOUT VCC
SUBGND
GND NC
3 2 1
0 0
R1822 4.7K
IC1805
BD4729G
RESET
BU+5V
UR+10V
+5V(D2)
IC1804
PQ20WZ11
9V(A)-REG
VIN CTL VOUT ADJ GND
4.9 3.7 9.0 2.7 0
+9V(A)
C1817 100u 16V ASY
C1818 100u 16V ASY
C1816 0.1u Z 25V
R1814 1K F
R1815 220 F
R1816 2.2K F
C1820 1000P
R1813 10K
C1819 0.1u Z 25V
BU+5V
Q1802
C124EKA
4.3 0.1 0
R1818 1K
R1817 10K
4.5 5.0 5.0
Q1801
B1132Q
+9V(A)
IC1806
PQ018EZ5
+1.8V(D)FPGA-REG
VCC CTL OUT NC GND
3.2 4.6 1.8 0
C1828 0.1u Z 25V
C1829 100u 16V ASY
R1821 10K
C1830 0.1u Z 25V
+1.8V(D)FPGA

MAIN UNIT 13/14

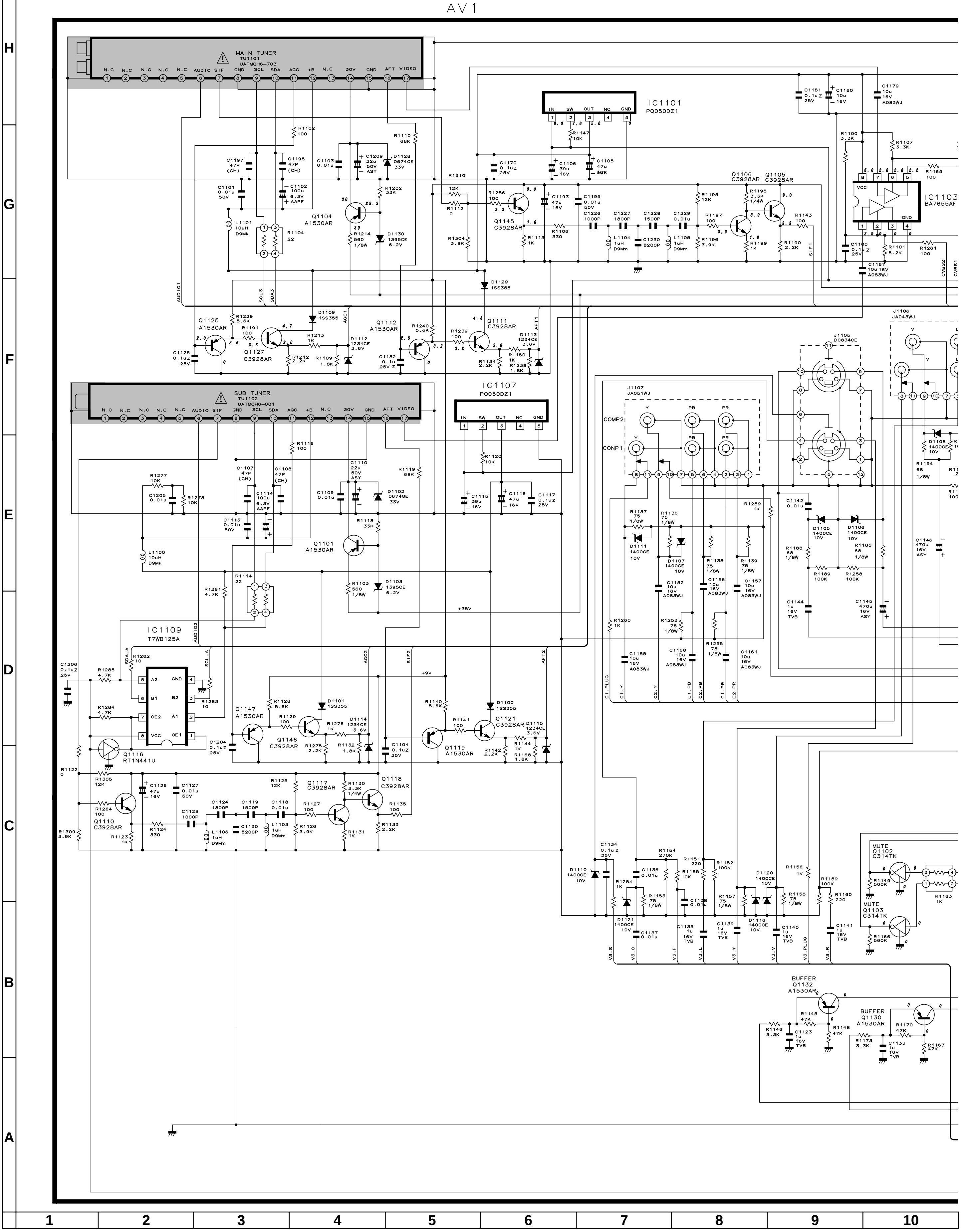
DUNTKC641UJ11
(PWBXC641WJ)

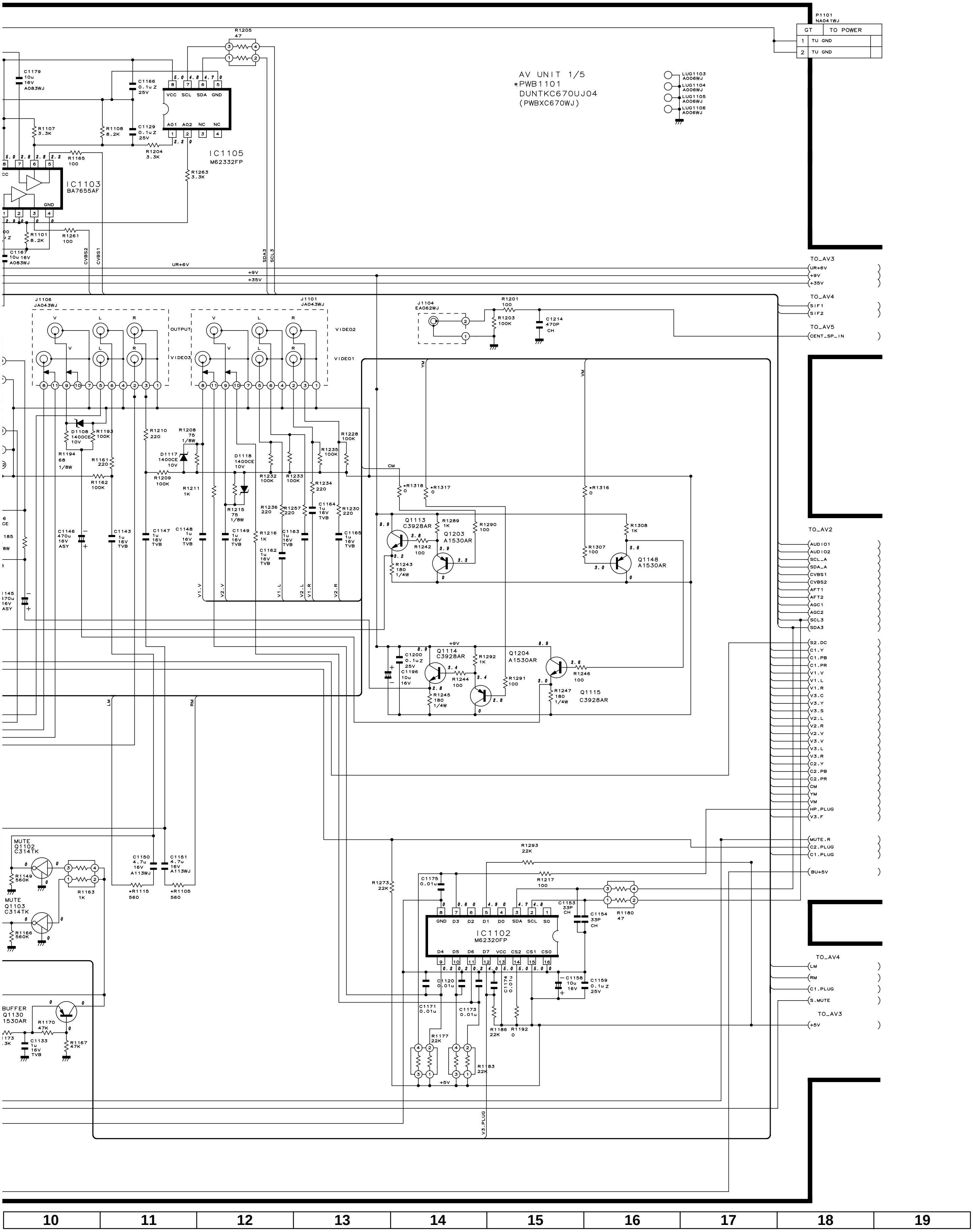
■ MAIN Unit-13/13


MAIN14(JOINT)
SC7200
N0493FJ
TO_AV
FC
GND 1
D_POW 2
I2CEXT 3
FAN_CONT 4
I2C_SCL5 5
I2C_SDA5 6
GND 7
AVPWB 8
1BIT_PROTECT 9
TEXT_EN 10
CSEN2 11
GND 12
SH_ON 13
1BIT_VCC 14
GND 15
C1_PLUG 16
SP_PLUG 17
4586_INT 18
GND 19
SRESET 20
SSYSTEM 21
GND 22
TV_COL25 23
TV_COL15 24
GND 25
BS_RST 26
FAST_SW1 27
GND 28
L.MUTE5 29
HP_MUTE5 30
MONI_DOWN 31
LED_R 32
GND 33
SCL_A 34
SDA_A 35
SCL_B 36
SDA_B 37
GND 38
RXD1 39
TXD1 40
GND 41
AGC_2 42
AGC_1 43
AFT_2 44
AFT_2 45
LUG7203 ZA002WJ
LUG7205 ZA002WJ
LUG7206 ZA002WJ
LUG7208 A006WJ
LUG7209 A006WJ
LUG7210 A006WJ
LUG7211 A006WJ
R7256 0
PSEL2_AD
PSEL1_AD
R7255 0
MPS_RST5
AGC2_AD
AGC1_AD
AFT2_AD
AFT1_AD
C7227 0.1u Z 25V
R7261 15K
R7262 47K
R7251 4.7K
R7252 4.7K
C7225 0.1u Z 25V
C7223 0.1u Z 25V
R7245 100
IC7202
PCA9515P
R7247 0
R7248 0
SCL_B
SDA_B
+3.3V(D)
R7254 3.3K
R7253 3.3K
C7224 0.1u Z 25V
C7226 0.1u Z 25V
R7288 4.7K
R7289 4.7K
IC7203
PCA9516P
R7249 0
R7250 0
SCL_C
SDA_C
P7200
N0573FJ
TO_DVI
ME
GND 1
+5V 2
DVI_HPOW 3
DVI_SCDT 4
BU+5V 5
+3.3V(D) 6
GND 7
SCL_B_1 8
SDA_B_1 9
HDMI_HPOW 10
HDMI_INT 11
R7291 47K
R7290 27K
Q7207
C144EE
3.2
0
R7241 18K
R7293 18K
R7266 0
R7267 0
R7242 10K
R7243 10K
R7244 10K
RXOUT22 RXOUT23 RXOUT24 GND RXOUT25 RXOUT26
VCC RXOUT21 RXOUT20 RXOUT19 GND RXOUT18
PCC_DI18 PCC_DI17 PCC_DI16 PCC_DI15
PCC_DI19 PCC_DI20 PCC_DI21 PCC_DI22 PCC_DI23
PCC_DO4 PCC_DO3 PCC_DO2 PCC_DO1 PCC_DO0
TXIN4 TXIN3 TXIN2 GND TXIN1 TXIN0
VCC TXIN5 TXIN6 TXIN7 GND TXIN8
PCC_DO5 PCC_DO6 PCC_DO7 PCC_VDO
TO_CPLD (MONI_DOWN
TO_POWER (D_POW (ADPOW
TO_VCI1 (SDA_C_0 (SCL_C_0
TO_P-CON (SDA_B_1 (SCL_B_1
TO_VCI2 (SDA_C_0 (SCL_C_0
TO_P-CON (MONI_DOWNA (MONI_DOWNB (AFT1_AD (AFT2_AD (AGC1_AD (AGC2_AD (PSEL1_AD (PSEL2_AD (LED_R (TV_COL15 (TV_COL25 (HP_MUTE5 (L.MUTE5 (CSEN2 (MPS_RST5
TO_HOSTIF (SCL_A (SDA_A (SCL_B (SDA_B (SCL_C (SDA_C
TO_AD (SDA_B_1 (SCL_B_1
TO_GR (SDA_B_1 (SCL_B_1
TO_CPLD (HDMI_INT HDMI_HPOW DVI_SCDT DVI_HPLG 1BIT_PROTECT 4586_INT C1_PLUG SP_PLUG
TO_P-CON (BS_RST
TO_PCON (SDA_C_1 SCL_C_1 SCL_C_2 SDA_C_2
TO_POWER (1BIT_VCC +3.3V(D) +5V(D) BU+5V
H G F E D C B A
1 2 3 4 5 6 7 8 9 10

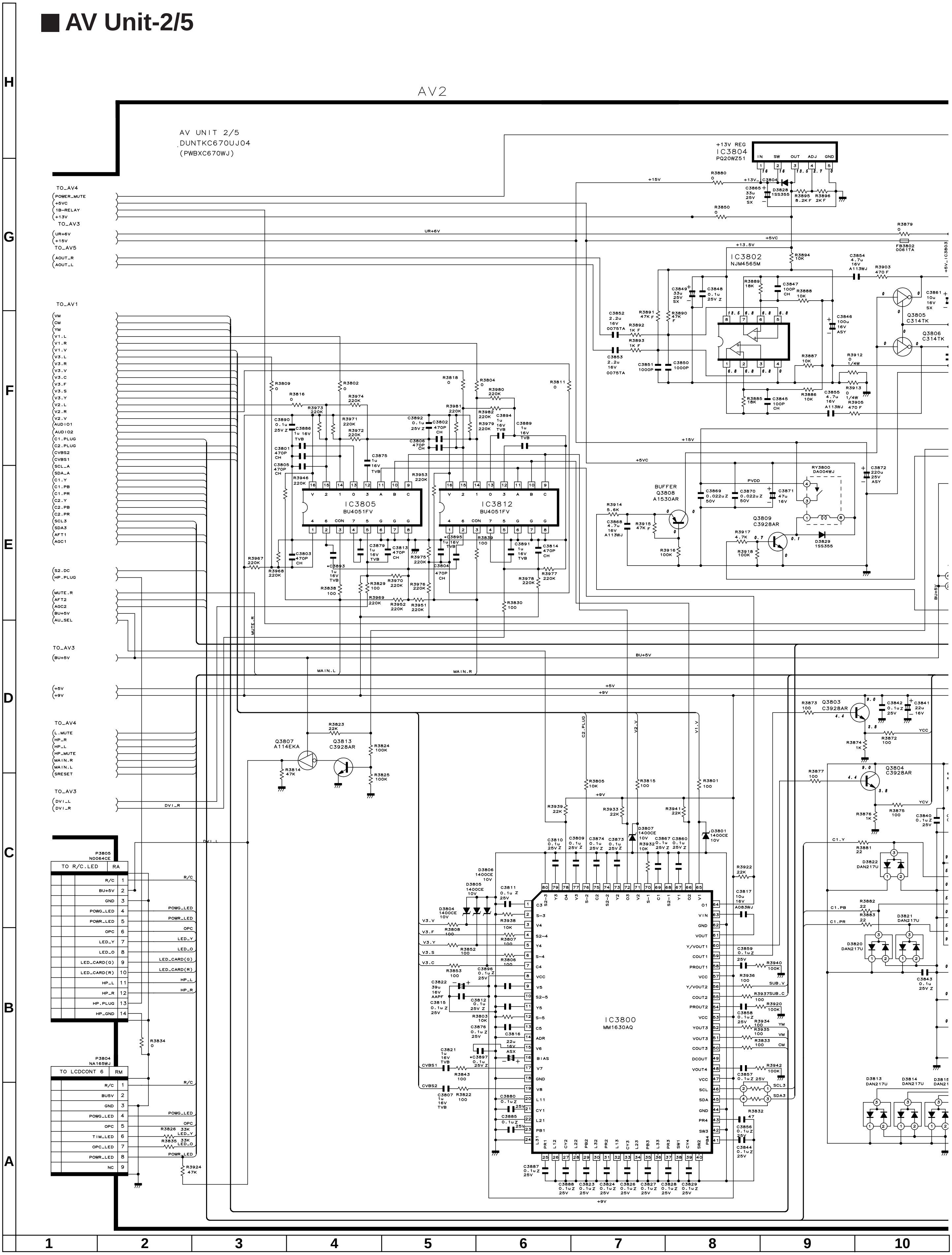

MAIN UNIT 14/14
DUNTKC641UJ11
(PWBXC641WJ)
*IC7204
DS90C386
*IC7205
DS90C385
TO_HOSTIF
I2CEXT
TO_CPLD
FAN_CONT
TO_P-CON
I2C_SCL5
I2C_SDA5
*SC7201
NA289WJ
TO_CARD
GND
RXCLKIN+
RXCLKIN-
RXIN1+
RXIN1-
RXIN0+
RXIN0-
TXOUT0-
TXOUT0+
TXOUT1-
TXOUT1+
TXOUT2-
TXOUT2+
TXCLKOUT1-
TXCLKOUT1+
TXOUT3-
TXOUT3+
LVDS_RST
PCC_RESET
DIN
DOUT
+3.3V(D)
*L7203 10uH D9MJ
*L7202 10uH D9MJ
*FB7205 0060TA
*FB7206 0060TA
*FB7203 0060TA
*FB7204 0060TA
*C7236 0.01u
*C7237 0.1u Z 25V
*C7235 10u 10V A176WJ
*C7239 0.1u Z 25V
*C7238 0.01u
*C7241 0.1u Z 25V
*C7240 0.01u
*R7274 100 F
*R7275 100 F
*R7277 100 F
*C7233 0.01u 50V
*C7232 0.1u Z 25V
*C7231 0.01u 50V
*C7230 0.1u Z 25V
*C7234 10u 10V A176WJ
*C7229 0.01u 50V
*C7228 0.1u Z 25V
*R7272 10K
*C7242 0.1u Z 25V
*R7220 0
TO_FPGA
TXD3
RXD3
*R7257 68
PCC_DO0
PCC_DO1
PCC_DO2
PCC_DO3
PCC_DO4
PCC_DO5
PCC_DO6
PCC_DO7
PCC_VDO
PCC_HDO
PCC_CKO
PCC_CKI
*R7258 68
TO_CPLD
PCC_RST
*R7259 68
*R7260 68
CKI
PCC_HDI
PCC_VDI
PCC_DI0
PCC_DI1
PCC_DI2
PCC_DI3
PCC_DI4
PCC_DI5
PCC_DI6
PCC_DI7
PCC_DI8
PCC_DI10
PCC_DI11
PCC_DI12
PCC_DI13
PCC_DI14
PCC_DI15
PCC_DI16
PCC_DI17
PCC_DI18
PCC_DI19
PCC_DI20
PCC_DI21
PCC_DI22
PCC_DI23

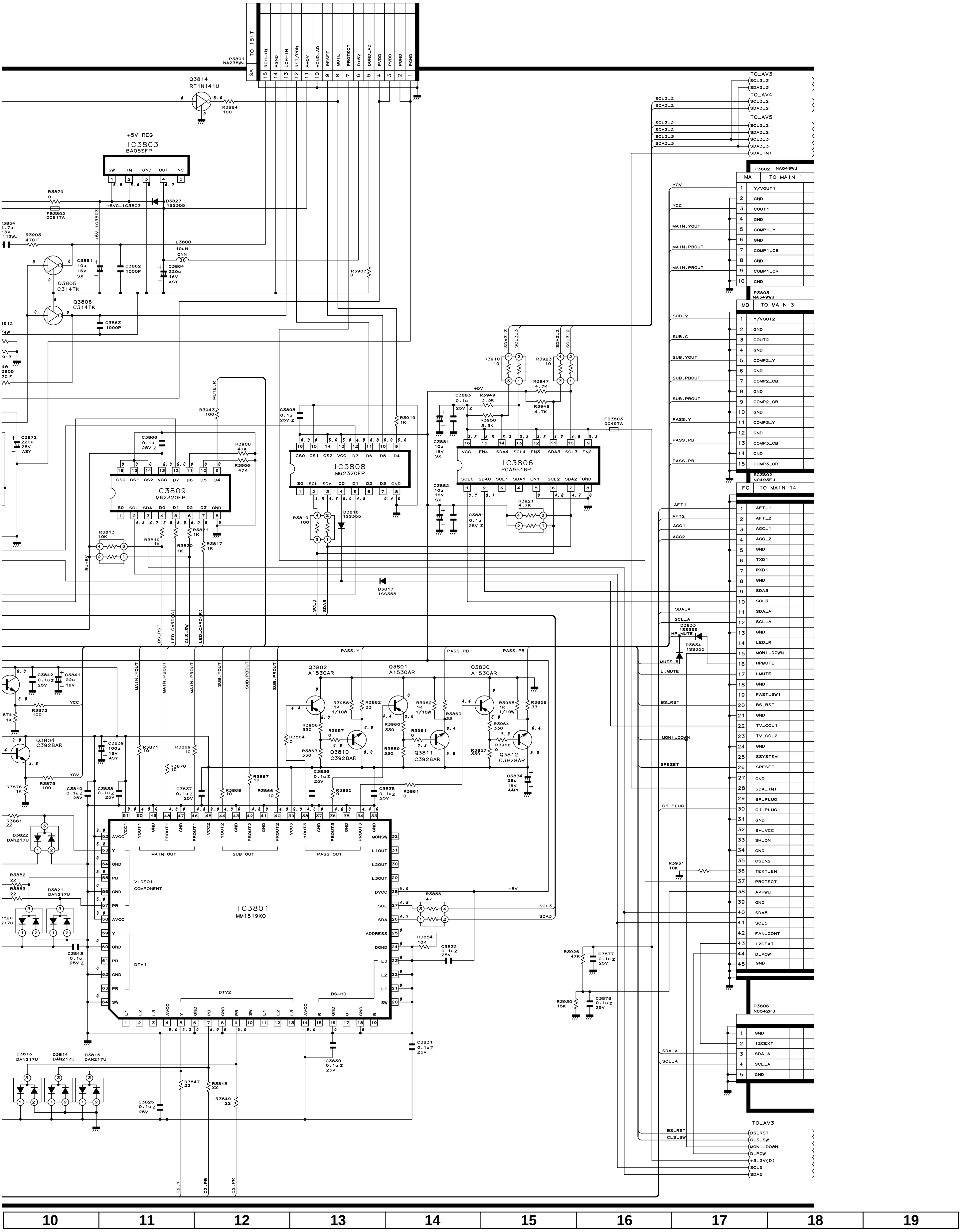
AV Unit-1/5


AV1
MAIN TUNER
TU1101
UATMQH6-703
SUB TUNER
TU1102
UATMQH6-001
N.C
AUDIO
SIF
GND
SCL
SDA
AGC
+B
30V
AFT
VIDEO
IC1101
PQ050DZ1
IC1107
PQ050DZ1
IN
SW
OUT
NC
GND
IC1103
BA7655AF
IC1109
T7WB125A
A2
B1
OE2
VCC
OE1
A1
B2
Q1104
A1530AR
Q1101
A1530AR
Q1145
C3928AR
Q1106
C3928AR
Q1105
C3928AR
Q1125
A1530AR
Q1127
C3928AR
Q1112
A1530AR
Q1111
C3928AR
Q1116
RT1N441U
Q1147
A1530AR
Q1146
C3928AR
Q1119
A1530AR
Q1121
C3928AR
Q1110
C3928AR
Q1117
C3928AR
Q1118
C3928AR
J1105
D0834CE
J1106
JA043WJ
J1107
JA051WJ
COMP2
COMP1
Y
PB
PR
MUTE
Q1102
C314TK
MUTE
Q1103
C314TK
BUFFER
Q1132
A1530AR
BUFFER
Q1130
A1530AR
AUDIO1
AUDIO2
SCL3
SDA3
AGC1
AGC2
AFT1
AFT2
SIF1
SIF2
SDA_A
SCL_A
CVBS1
CVBS2
+35V
+9V
C1.PLUG
C1.Y
C2.Y
C1.PB
C2.PB
C1.PR
C2.PR
V3.S
V3.C
V3.F
V3.L
V3.Y
V3.V
V3.PLUG
V3.R
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

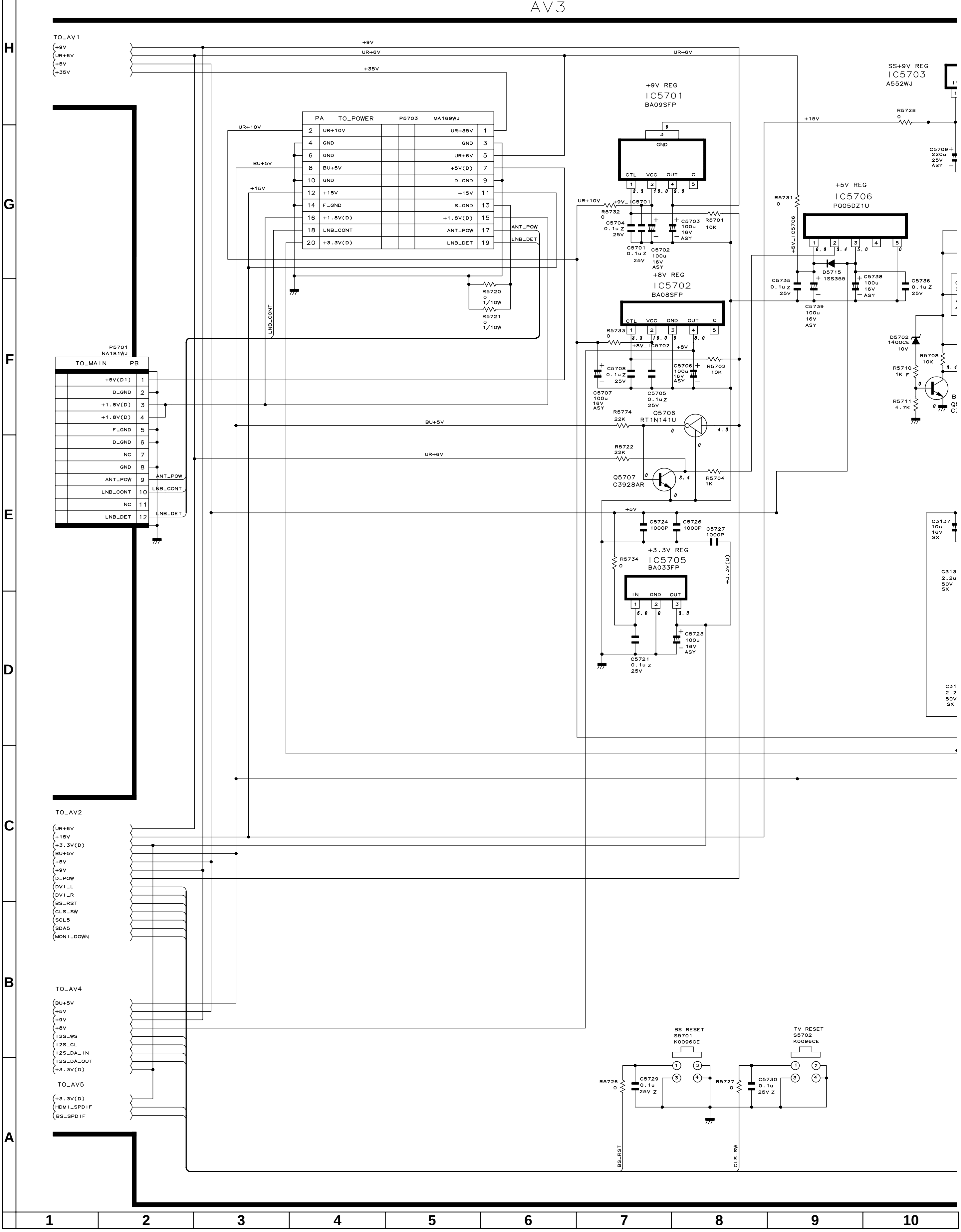

AV UNIT 1/5
*PWB1101
DUNTKC670UJ04
(PWBXC670WJ)
P1101
NA041WJ
GT
TO POWER
1 TU GND
2 TU GND
LUG1103 A006WJ
LUG1104 A006WJ
LUG1105 A006WJ
LUG1106 A006WJ
IC1105
M62332FP
IC1103
BA7655AF
IC1102
M62320FP
J1106
JA043WJ
J1101
JA043WJ
J1104
EA062WJ
OUTPUT
VIDEO3
VIDEO2
VIDEO1
Q1113
C3928AR
Q1203
A1530AR
Q1148
A1530AR
Q1114
C3928AR
Q1204
A1530AR
Q1115
C3928AR
MUTE
Q1102
C314TK
MUTE
Q1103
C314TK
BUFFER
Q1130
1530AR
TO_AV3
UR+6V
+9V
+35V
TO_AV4
SIF1
SIF2
TO_AV5
CENT_SP_IN
TO_AV2
AUDIO1
AUDIO2
SCL_A
SDA_A
CVBS1
CVBS2
AFT1
AFT2
AGC1
AGC2
SCL3
SDA3
S2.DC
C1.Y
C1.PB
C1.PR
V1.V
V1.L
V1.R
V3.C
V3.Y
V3.S
V2.L
V2.R
V2.V
V3.V
V3.L
V3.R
C2.Y
C2.PB
C2.PR
CM
YM
VM
HP.PLUG
V3.F
MUTE.R
C2.PLUG
C1.PLUG
BU+5V
TO_AV4
LM
RM
C1.PLUG
S.MUTE
TO_AV3
+5V
V3.PLUG
10
11
12
13
14
15
16
17
18
19

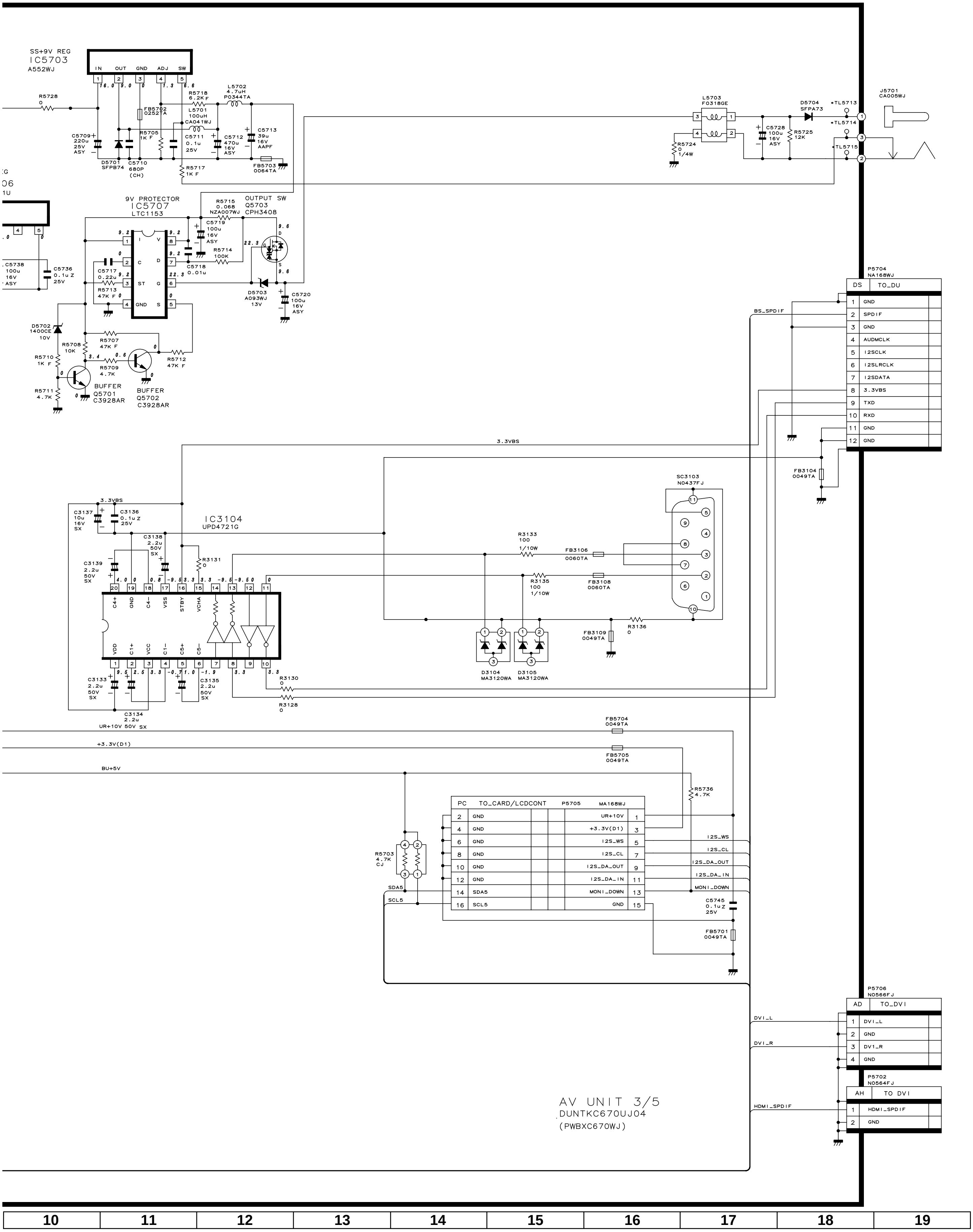
■ AV Unit-2/5


AV2
AV UNIT 2/5
DUNTKC670UJ04
(PWBXC670WJ)
TO_AV4
POWER_MUTE
+5VC
18-RELAY
+13V
TO_AV3
UR+6V
+15V
TO_AV5
AOUT_R
AOUT_L
TO_AV1
VM
CM
YM
V1.L
V1.R
V1.V
V3.L
V3.R
V3.V
V3.C
V3.F
V3.S
V3.Y
V2.L
V2.R
V2.V
AUDIO1
AUDIO2
C1.PLUG
C2.PLUG
CVBS2
CVBS1
SCL_A
SDA_A
C1.Y
C1.PB
C1.PR
C2.Y
C2.PB
C2.PR
SCL3
SDA3
AFT1
AGC1
S2.DC
HP.PLUG
MUTE.R
AFT2
AGC2
BU+5V
AU_SEL
TO_AV3
BU+5V
+5V
+9V
TO_AV4
L.MUTE
HP_R
HP_L
HP_MUTE
MAIN.R
MAIN.L
SRESET
TO_AV3
DVI_L
DVI_R
+13V REG
IC3804
PQ20WZ51
IN SW OUT ADJ GND
IC3802
NJM4565M
IC3805
BU4051FV
IC3812
BU4051FV
IC3800
MM1630AQ
BUFFER
Q3808
A1530AR
Q3809
C3928AR
RY3800
DA004WJ
Q3805
C314TK
Q3806
C314TK
Q3807
A114EKA
Q3813
C3928AR
Q3803
C3928AR
Q3804
C3928AR
D3822
DAN217U
D3821
DAN217U
D3820
DAN217U
D3813
DAN217U
D3814
DAN217U
P3805
N0064CE
TO R/C.LED RA
R/C
BU+5V
GND
POWG_LED
POWR_LED
OPC
LED_Y
LED_O
LED_CARD(G)
LED_CARD(R)
HP_L
HP_R
HP.PLUG
HP_GND
P3804
NA165WJ
TO LCDCONT 6 RM
R/C
BU5V
GND
POWG_LED
OPC
TIM_LED
OPC_LED
POWR_LED
NC
MAIN.L
MAIN.R
MUTE_R
DVI_R
DVI_L
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


P3801 NA238WJ
TO 1BIT
RCH-IN
AGND
LCH-IN
RST/PDN
A+5V
AGND_AD
RESET
MUTE
PROTECT
D+5V
DGND_AD
PVDD
PVDD
PGND
PGND
Q3814 RT1N141U
R3884 100
+5V REG
IC3803 BA05SFP
SW
IN
GND
OUT
NC
R3879 0
FB3802 0061TA
D3827 1SS355
+5VC_IC3803
R3903 470 F
L3800 10uH CNN
C3861 10u 16V SX
C3862 1000P
C3864 220u 16V ASY
Q3805 C314TK
Q3806 C314TK
C3863 1000P
R3907 0
C3872 220u 25V ASY
MUTE_R
R3943 100
C3866 0.1u 25V Z
R3908 47K
R3906 47K
IC3809 M62320FP
CS0
CS1
CS2
VCC
D7
D6
D5
D4
S0
SCL
SDA
D0
D1
D2
D3
GND
R3813 10K
R3819 1K
R3820 1K
R3821 1K
R3817 1K
BU+5V
C3808 0.1u 25V Z
R3919 1K
IC3808 M62320FP
R3810 100
D3816 1SS355
D3817 1SS355
SCL3
SDA3
BS_RST
LED_CARD(G)
CLS_SW
LED_CARD(R)
SDA3_3
SCL3_3
SDA3_2
SCL3_2
R3910 10
R3923 10
R3947 4.7K
R3948 4.7K
+5V
C3883 0.1u 25V Z
R3949 3.3K
R3950 3.3K
C3884 10u 16V SX
C3882 10u 16V SX
C3881 0.1u 25V Z
FB3803 0049TA
IC3806 PCA9516P
VCC
EN4
SDA4
SCL4
EN3
SDA3
SCL3
EN2
SCL0
SDA0
SCL1
SDA1
EN1
SCL2
SDA2
GND
R3921 4.7K
TO_AV3
SCL3_3
SDA3_3
TO_AV4
SCL3_2
SDA3_2
TO_AV5
SCL3_2
SDA3_2
SCL3_3
SDA3_3
SDA_INT
P3802 NA049WJ
MA
TO MAIN 1
Y/VOUT1
GND
COUT1
GND
COMP1_Y
GND
COMP1_CB
GND
COMP1_CR
GND
YCV
YCC
MAIN.YOUT
MAIN.PBOUT
MAIN.PROUT
P3803 NA349WJ
MB
TO MAIN 3
Y/VOUT2
GND
COUT2
GND
COMP2_Y
GND
COMP2_CB
GND
COMP2_CR
GND
COMP3_Y
GND
COMP3_CB
GND
COMP3_CR
SUB.V
SUB.C
SUB.YOUT
SUB.PBOUT
SUB.PROUT
PASS.Y
PASS.PB
PASS.PR
SC3802 N0493FJ
FC
TO MAIN 14
AFT_1
AFT_2
AGC_1
AGC_2
GND
TXD1
RXD1
GND
SDA3
SCL3
SDA_A
SCL_A
GND
LED_R
MONI_DOWN
HPMUTE
LMUTE
GND
FAST_SW1
BS_RST
GND
TV_COL1
TV_COL2
GND
SSYSTEM
SRESET
GND
SDA_INT
SP_PLUG
C1_PLUG
GND
SH_VCC
SH_ON
GND
CSEN2
TEXT_EN
PROTECT
AVPWB
GND
SDA5
SCL5
FAN_CONT
I2CEXT
D_POW
GND
AFT1
AFT2
AGC1
AGC2
D3833 1SS355
HP_MUTE
D3834 1SS355
MUTE_R
L.MUTE
MONI_DOWN
SRESET
C1.PLUG
R3931 10K
R3926 47K
C3877 0.1u Z 25V
R3930 15K
C3878 0.1u Z 25V
P3806 N0542FJ
GND
I2CEXT
SDA_A
SCL_A
GND
TO_AV3
BS_RST
CLS_SW
MONI_DOWN
D_POW
+3.3V(D)
SCL5
SDA5
MAIN.YOUT
MAIN.PBOUT
MAIN.PROUT
SUB.YOUT
SUB.PBOUT
SUB.PROUT
C3842 0.1u Z 25V
C3841 22u 16V
R3872 100
YCC
Q3804 C3928AR
C3839 100u 16V ASY
R3871 10
R3869 10
R3870 10
R3875 100
R3876 1K
YCV
C3840 0.1u Z 25V
C3838 0.1u Z 25V
C3837 0.1u Z 25V
R3868 10
R3867 10
R3866 10
Q3802 A1530AR
Q3801 A1530AR
Q3800 A1530AR
R3958 1K 1/10W
R3862 33
R3962 1K 1/10W
R3860 33
R3965 1K 1/10W
R3858 33
R3956 330
R3957 0
R3864 0
R3863 330
Q3810 C3928AR
R3960 330
R3961 0
R3859 330
Q3811 C3928AR
R3964 330
R3966 0
R3857 330
Q3812 C3928AR
C3836 0.1u Z 25V
R3865 0
C3835 0.1u Z 25V
R3861 0
C3834 39u 16V AAPF
IC3801 MM1519XQ
VCC1
YOUT1
GND
PBOUT1
GND
PROUT1
VCC2
YOUT2
GND
PBOUT2
GND
PROUT2
VCC3
YOUT3
GND
PBOUT3
GND
PROUT3
MAIN OUT
SUB OUT
PASS OUT
MONSW
L1OUT
L2OUT
L3OUT
DVCC
SCL
SDA
ADDRESS
DGND
L3
L2
L1
SW
AVCC
Y
GND
PB
GND
PR
AVCC
VIDEO1 COMPONENT
DTV1
DTV2
BS-HD
R3856 47
R3854 10K
C3832 0.1u Z 25V
SCL3
SDA3
+5V
R3881 22
D3822 DAN217U
R3882 22
R3883 22
D3821 DAN217U
C3843 0.1u 25V Z
C3831 0.1u Z 25V
C3830 0.1u Z 25V
D3813 DAN217U
D3814 DAN217U
D3815 DAN217U
R3847 22
R3848 22
R3849 22
C3825 0.1u Z 25V
C2_Y
C2_PB
C2_PR
10
11
12
13
14
15
16
17
18
19

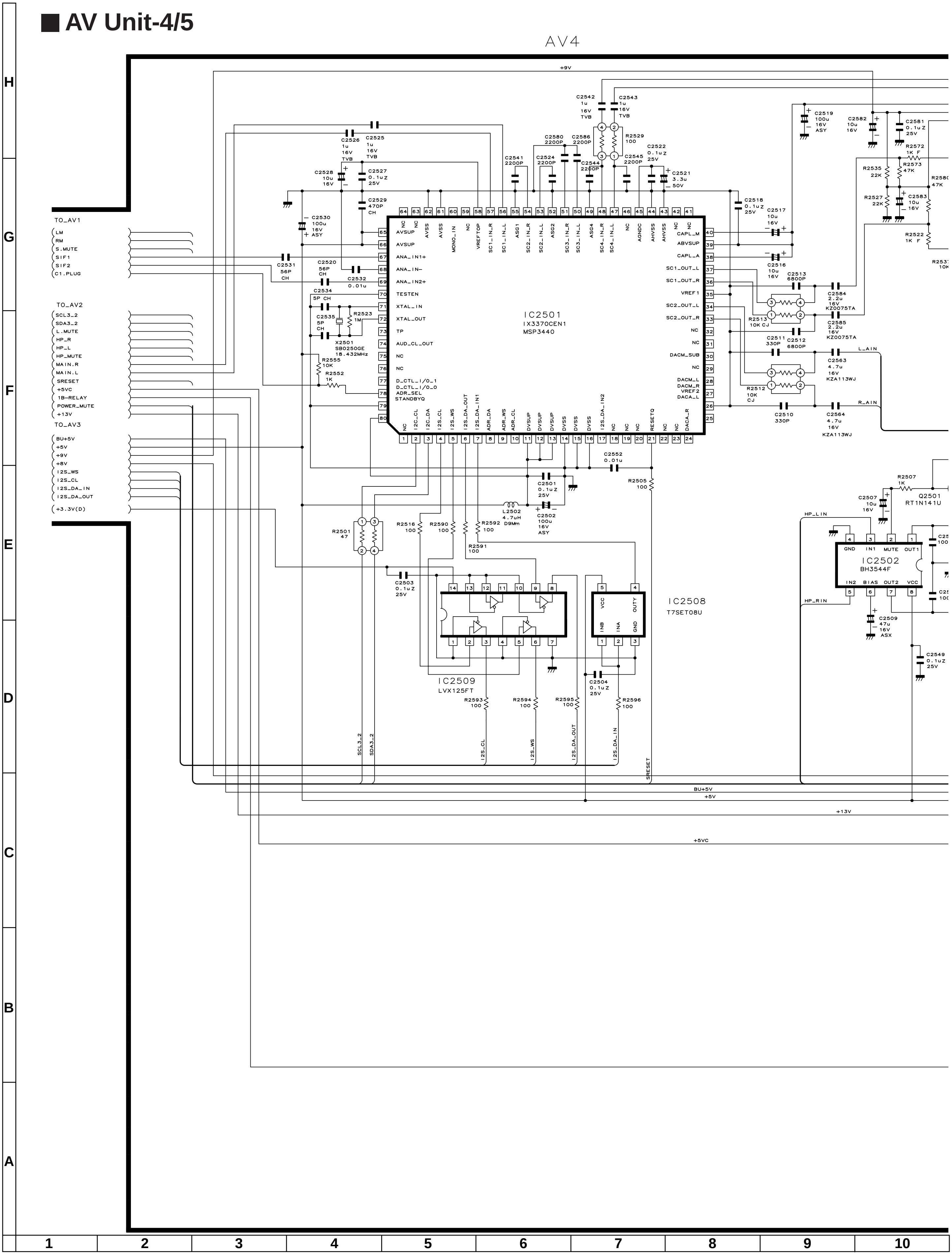
■ AV Unit-3/5

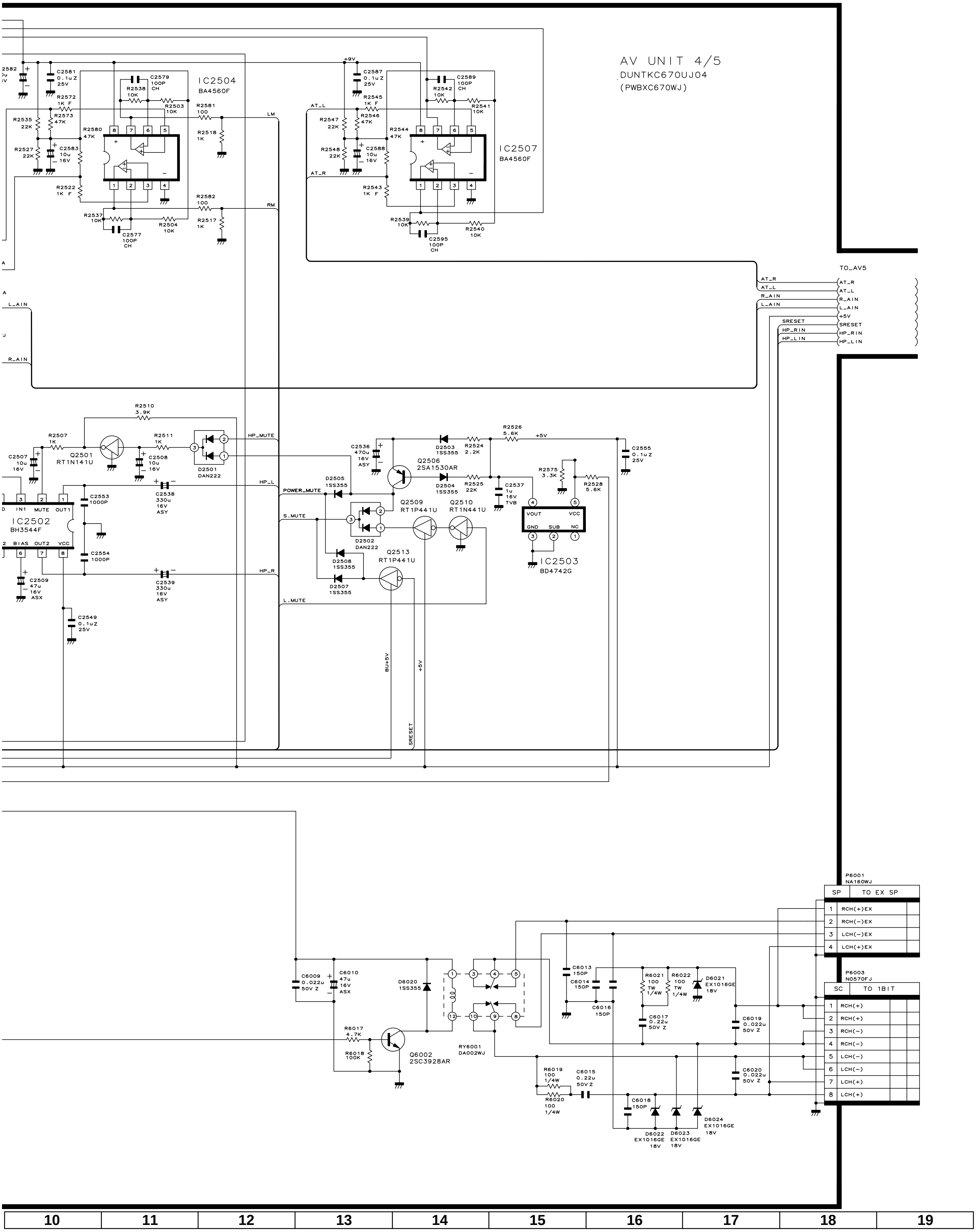

AV3
TO_AV1
+9V
UR+6V
+5V
+35V
PA TO_POWER P5703 MA169WJ
UR+10V
GND
BU+5V
+15V
F_GND
+1.8V(D)
LNB_CONT
+3.3V(D)
UR+35V
UR+6V
+5V(D)
D_GND
S_GND
ANT_POW
LNB_DET
R5720 0 1/10W
R5721 0 1/10W
P5701 NA181WJ
TO_MAIN PB
+5V(D1)
NC
+9V REG IC5701 BA09SFP
+8V REG IC5702 BA08SFP
+5V REG IC5706 PQ05DZ1U
SS+9V REG IC5703 A552WJ
+3.3V REG IC5705 BA033FP
CTL VCC OUT C
IN GND OUT
R5732 0
C5704 0.1u Z 25V
C5701 0.1u Z 25V
C5702 100u 16V ASY
C5703 100u 16V ASY
R5701 10K
R5733 0
C5708 0.1u Z 25V
C5707 100u 16V ASY
C5705 0.1u Z 25V
C5706 100u 16V ASY
R5702 10K
R5774 22K
Q5706 RT1N141U
R5722 22K
Q5707 C3928AR
R5704 1K
R5731 0
+5V_IC5706
C5735 0.1u Z 25V
D5715 1SS355
C5738 100u 16V ASY
C5736 0.1u Z 25V
C5739 100u 16V ASY
R5728 0
C5709 220u 25V ASY
D5702 1400CE 10V
R5708 10K
R5710 1K F
R5711 4.7K
C5724 1000P
C5726 1000P
C5727 1000P
R5734 0
C5721 0.1u Z 25V
C5723 100u 16V ASY
+3.3V(D)
C3137 10u 16V SX
TO_AV2
UR+6V
+15V
+3.3V(D)
BU+5V
+5V
+9V
D_POW
DVI_L
DVI_R
BS_RST
CLS_SW
SCL5
SDA5
MONI_DOWN
TO_AV4
+8V
I2S_WS
I2S_CL
I2S_DA_IN
I2S_DA_OUT
TO_AV5
HDMI_SPDIF
BS_SPDIF
BS RESET S5701 K0096CE
TV RESET S5702 K0096CE
R5726 0
C5729 0.1u 25V Z
R5727 0
C5730 0.1u 25V Z
H G F E D C B A
1 2 3 4 5 6 7 8 9 10


SS+9V REG
IC5703
A552WJ
IN OUT GND ADJ SW
R5728
C5709 220u 25V ASY
D5701 SFPB74
C5710 680P (CH)
FB5702 0252TA
R5705 1K F
R5718 6.2K F
L5701 100uH CA041WJ
L5702 4.7uH P0344TA
C5711 0.1u 25V
C5712 470u 16V ASY
C5713 39u 16V AAPF
R5717 1K F
FB5703 0064TA
9V PROTECTOR
IC5707
LTC1153
R5715 0.068 NZA007WJ
OUTPUT SW
Q5703
CPH3408
C5719 100u 16V ASY
R5714 100K
C5718 0.01u
C5717 0.22u
R5713 47K F
D5703 A093WJ 13V
C5720 100u 16V ASY
C5738 100u 16V ASY
C5736 0.1u Z 25V
D5702 1400CE 10V
R5708 10K
R5707 47K F
R5709 4.7K
R5712 47K F
R5710 1K F
R5711 4.7K
BUFFER
Q5701
C3928AR
BUFFER
Q5702
C3928AR
L5703 F0318GE
R5724 0 1/4W
C5728 100u 16V ASY
R5725 12K
D5704 SFPA73
TL5713
TL5714
TL5715
J5701 CA005WJ
P5704 NA168WJ
DS TO_DU
1 GND
2 SPDIF
3 GND
4 AUDMCLK
5 I2SCLK
6 I2SLRCLK
7 I2SDATA
8 3.3VBS
9 TXD
10 RXD
11 GND
12 GND
BS_SPDIF
3.3VBS
FB3104 0049TA
SC3103 N0437FJ
C3137 10u 16V SX
C3136 0.1u Z 25V
IC3104
UPD4721G
C3138 2.2u 50V SX
C3139 2.2u 50V SX
R3131 0
C4+ GND C4- VSS STBY VCHA
VDD C1+ VCC C1- C5+ C5-
R3133 100 1/10W
FB3106 0060TA
R3135 100 1/10W
FB3108 0060TA
FB3109 0049TA
R3136 0
D3104 MA3120WA
D3105 MA3120WA
C3133 2.2u 50V SX
C3135 2.2u 50V SX
C3134 2.2u
R3130 0
R3128 0
UR+10V 50V SX
+3.3V(D1)
BU+5V
FB5704 0049TA
FB5705 0049TA
R5736 4.7K
PC TO_CARD/LCDCONT P5705 MA168WJ
2 GND UR+10V 1
4 GND +3.3V(D1) 3
6 GND I2S_WS 5
8 GND I2S_CL 7
10 GND I2S_DA_OUT 9
12 GND I2S_DA_IN 11
14 SDA5 MONI_DOWN 13
16 SCL5 GND 15
R5703 4.7K CJ
SDA5
SCL5
I2S_WS
I2S_CL
I2S_DA_OUT
I2S_DA_IN
MONI_DOWN
C5745 0.1u Z 25V
FB5701 0049TA
P5706 N0566FJ
AD TO_DVI
1 DVI_L
2 GND
3 DVI_R
4 GND
DVI_L
DVI_R
P5702 N0564FJ
AH TO DVI
1 HDMI_SPDIF
2 GND
HDMI_SPDIF
10 11 12 13 14 15 16 17 18 19

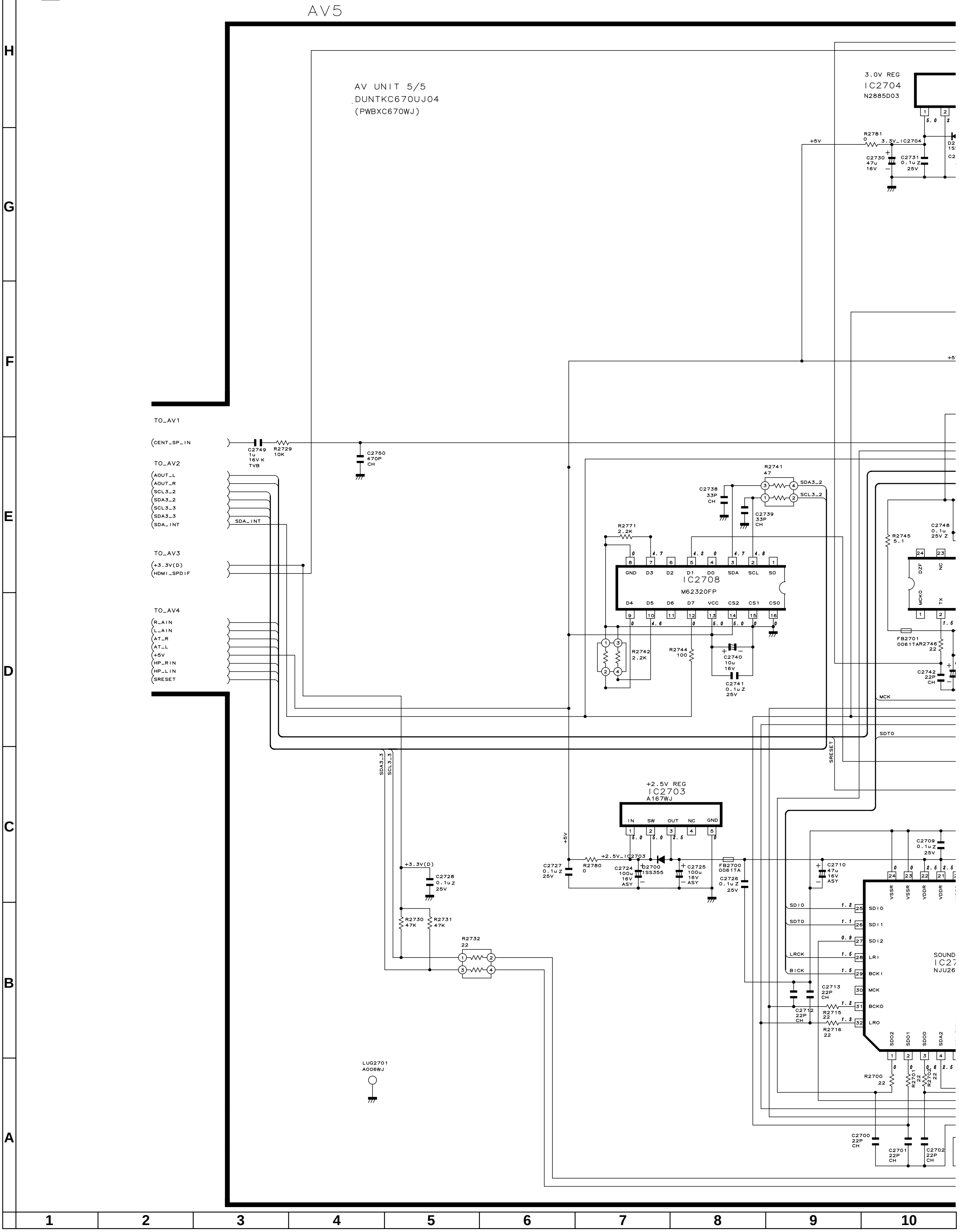
AV UNIT 3/5
DUNTKC670UJ04
(PWBXC670WJ)

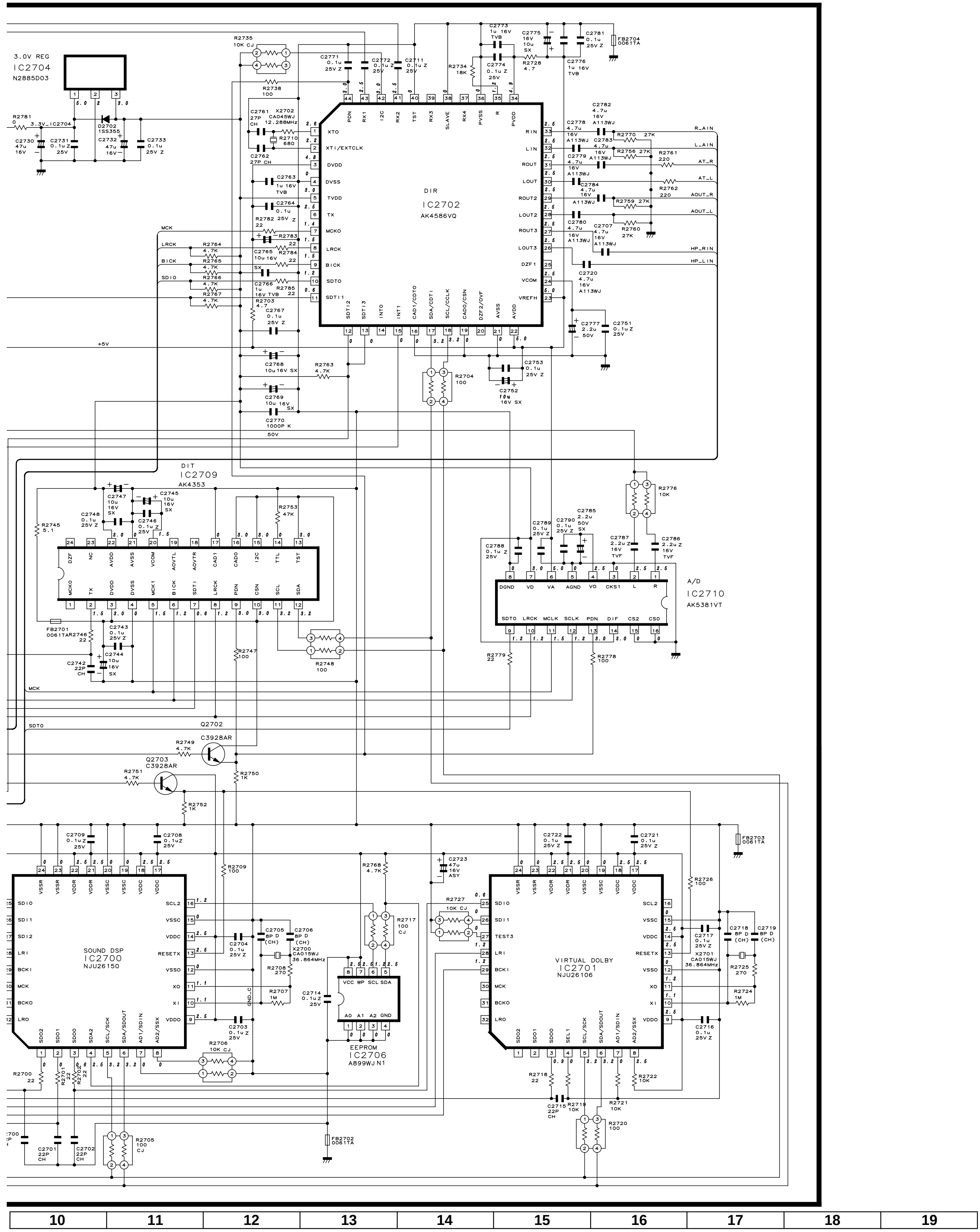
AV Unit-4/5


AV4
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
+9V
TO_AV1
LM
RM
S.MUTE
SIF1
SIF2
C1.PLUG
TO_AV2
SCL3_2
SDA3_2
L.MUTE
HP_R
HP_L
HP_MUTE
MAIN.R
MAIN.L
SRESET
+5VC
1B-RELAY
POWER_MUTE
+13V
TO_AV3
BU+5V
+5V
+9V
+8V
I2S_WS
I2S_CL
I2S_DA_IN
I2S_DA_OUT
+3.3V(D)
IC2501
IX3370CEN1
MSP3440
AVSUP
ANA_IN1+
ANA_IN-
ANA_IN2+
TESTEN
XTAL_IN
XTAL_OUT
TP
AUD_CL_OUT
NC
D_CTL_I/O_1
D_CTL_I/O_0
ADR_SEL
STANDBYQ
AVSS
MONO_IN
VREFTOP
SC1_IN_R
SC1_IN_L
ASG1
SC2_IN_R
SC2_IN_L
ASG2
SC3_IN_R
SC3_IN_L
ASG4
SC4_IN_R
SC4_IN_L
AGNDC
AHVSS
CAPL_M
AHVSUP
CAPL_A
SC1_OUT_L
SC1_OUT_R
VREF1
SC2_OUT_L
SC2_OUT_R
DACM_SUB
DACM_L
DACM_R
VREF2
DACA_L
DACA_R
I2C_CL
I2C_DA
I2S_CL
I2S_WS
I2S_DA_OUT
I2S_DA_IN1
ADR_DA
ADR_WS
ADR_CL
DVSUP
DVSS
I2S_DA_IN2
RESETQ
C2542 1u 16V TVB
C2543 1u 16V TVB
R2529 100
C2522 0.1uZ 25V
C2580 2200P
C2586 2200P
C2541 2200P
C2524 2200P
C2544 2200P
C2545 2200P
C2521 3.3u 50V
C2526 1u 16V TVB
C2525 1u 16V TVB
C2528 10u 16V
C2527 0.1uZ 25V
C2529 470P CH
C2530 100u 16V ASY
C2531 56P CH
C2520 56P CH
C2532 0.01u
C2534 5P CH
C2535 5P CH
R2523 1M
X2501 SB0250GE 18.432MHz
R2555 10K
R2552 1K
C2518 0.1uZ 25V
C2517 10u 16V
C2516 10u 16V
C2519 100u 16V ASY
C2582 10u 16V
C2581 0.1uZ 25V
R2572 1K F
R2573 47K
R2535 22K
R2527 22K
C2583 10u 16V
R2580 47K
R2522 1K F
C2513 6800P
C2584 2.2u 16V KZ0075TA
C2585 2.2u 16V KZ0075TA
R2513 10K CJ
C2511 330P
C2512 6800P
C2563 4.7u 16V KZA113WJ
L_AIN
R2512 10K CJ
C2510 330P
C2564 4.7u 16V KZA113WJ
R_AIN
C2552 0.01u
R2505 100
C2501 0.1uZ 25V
L2502 4.7uH D9Mm
C2502 100u 16V ASY
R2501 47
R2516 100
R2590 100
R2592 100
R2591 100
C2503 0.1uZ 25V
IC2509
LVX125FT
IC2508
T7SET08U
VCC
OUTY
INB
INA
GND
C2504 0.1uZ 25V
R2593 100
R2594 100
R2595 100
R2596 100
SCL3_2
SDA3_2
I2S_CL
I2S_WS
I2S_DA_OUT
I2S_DA_IN
SRESET
BU+5V
+5V
+13V
+5VC
R2507 1K
C2507 10u 16V
Q2501 RT1N141U
HP_LIN
HP_RIN
IC2502
BH3544F
GND
IN1
MUTE
OUT1
IN2
BIAS
OUT2
VCC
C2509 47u 16V ASX
C2549 0.1uZ 25V

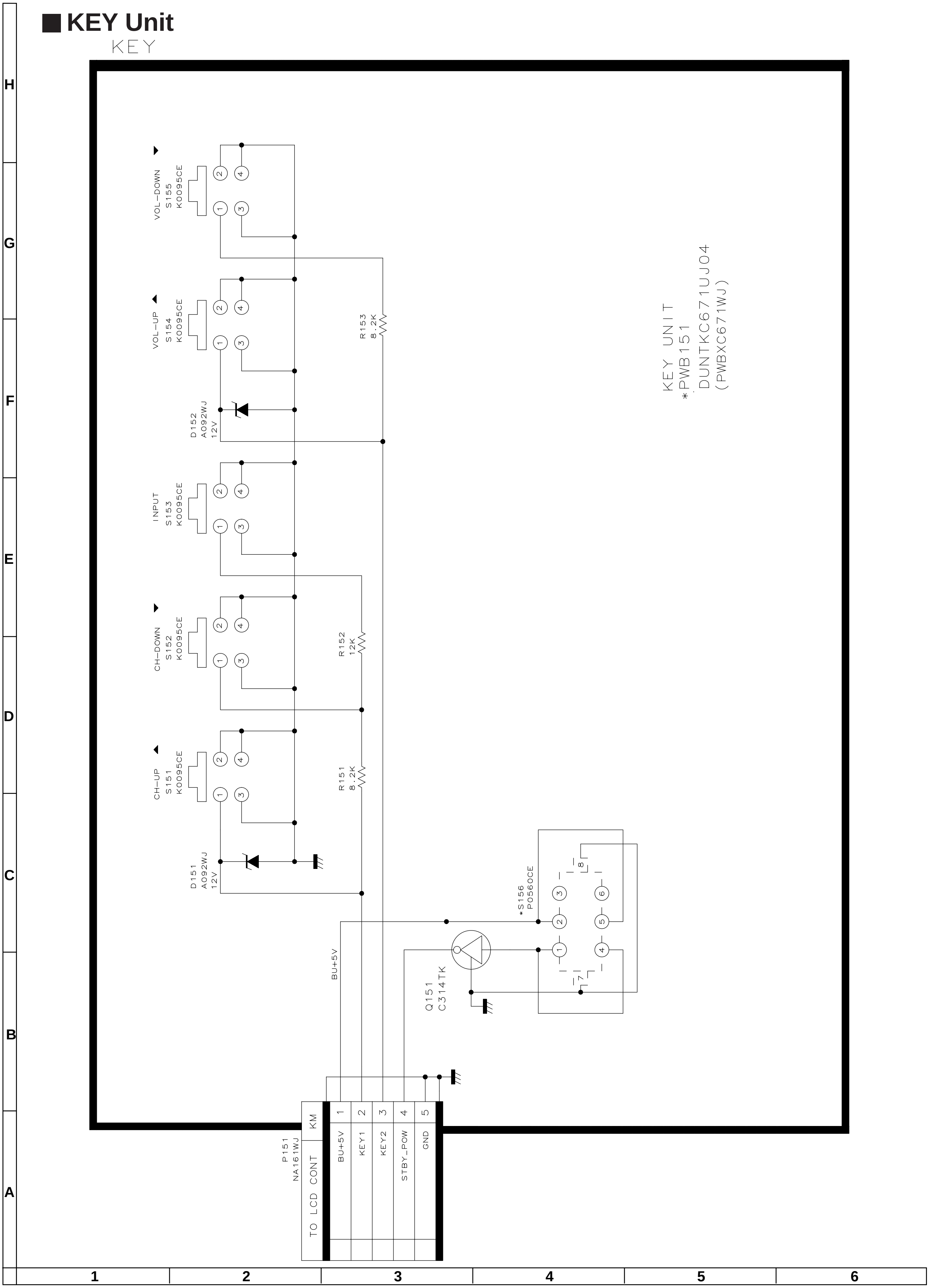

AV UNIT 4/5
DUNTKC670UJ04
(PWBXC670WJ)
IC2504
BA4560F
IC2507
BA4560F
IC2502
BH3544F
IC2503
BD4742G
Q2501
RT1N141U
Q2506
2SA1530AR
Q2509
RT1P441U
Q2510
RT1N441U
Q2513
RT1P441U
D2501
DAN222
D2502
DAN222
D2503
1SS355
D2504
1SS355
D2505
1SS355
D2507
1SS355
D2508
1SS355
C2581 0.1u Z 25V
C2579 100P CH
R2538 10K
R2503 10K
R2581 100
R2518 1K
R2572 1K F
R2573 47K
R2535 22K
R2527 22K
C2583 10u 16V
R2580 47K
R2522 1K F
R2582 100
R2517 1K
R2537 10K
R2504 10K
C2577 100P CH
+9V
C2587 0.1u Z 25V
C2589 100P CH
R2542 10K
R2541 10K
R2545 1K F
R2546 47K
R2547 22K
R2548 22K
C2588 10u 16V
R2544 47K
R2543 1K F
R2539 10K
R2540 10K
C2595 100P CH
AT_L
AT_R
LM
RM
TO_AV5
AT_R
AT_L
R_AIN
L_AIN
+5V
SRESET
HP_RIN
HP_LIN
L_AIN
R_AIN
R2510 3.9K
R2507 1K
R2511 1K
C2507 10u 16V
C2508 10u 16V
HP_MUTE
HP_L
HP_R
POWER_MUTE
S.MUTE
L.MUTE
C2553 1000P
C2554 1000P
C2538 330u 16V ASY
C2539 330u 16V ASY
C2509 47u 16V ASX
C2549 0.1u Z 25V
IN1 MUTE OUT1
BIAS OUT2 VCC
C2536 470u 16V ASY
R2524 2.2K
R2526 5.6K
+5V
C2555 0.1u Z 25V
R2525 22K
C2537 1u 16V TVB
R2575 3.3K
R2528 5.6K
VOUT VCC
GND SUB NC
BU+5V
+5V
SRESET
P6001
NA160WJ
SP TO EX SP
1 RCH(+)EX
2 RCH(−)EX
3 LCH(−)EX
4 LCH(+)EX
P6003
N0570FJ
SC TO 1BIT
1 RCH(+)
2 RCH(+)
3 RCH(−)
4 RCH(−)
5 LCH(−)
6 LCH(−)
7 LCH(+)
8 LCH(+)
C6009 0.022u 50V Z
C6010 47u 16V ASX
D6020 1SS355
R6017 4.7K
R6018 100K
Q6002
2SC3928AR
RY6001
DA002WJ
C6013 150P
C6014 150P
C6016 150P
R6021 100 TW 1/4W
R6022 100 TW 1/4W
C6017 0.22u 50V Z
D6021 EX1016GE 18V
C6019 0.022u 50V Z
C6020 0.022u 50V Z
R6019 100 1/4W
R6020 100 1/4W
C6015 0.22u 50V Z
C6018 150P
D6022 EX1016GE 18V
D6023 EX1016GE 18V
D6024 EX1016GE 18V
10
11
12
13
14
15
16
17
18
19

■ AV Unit-5/5

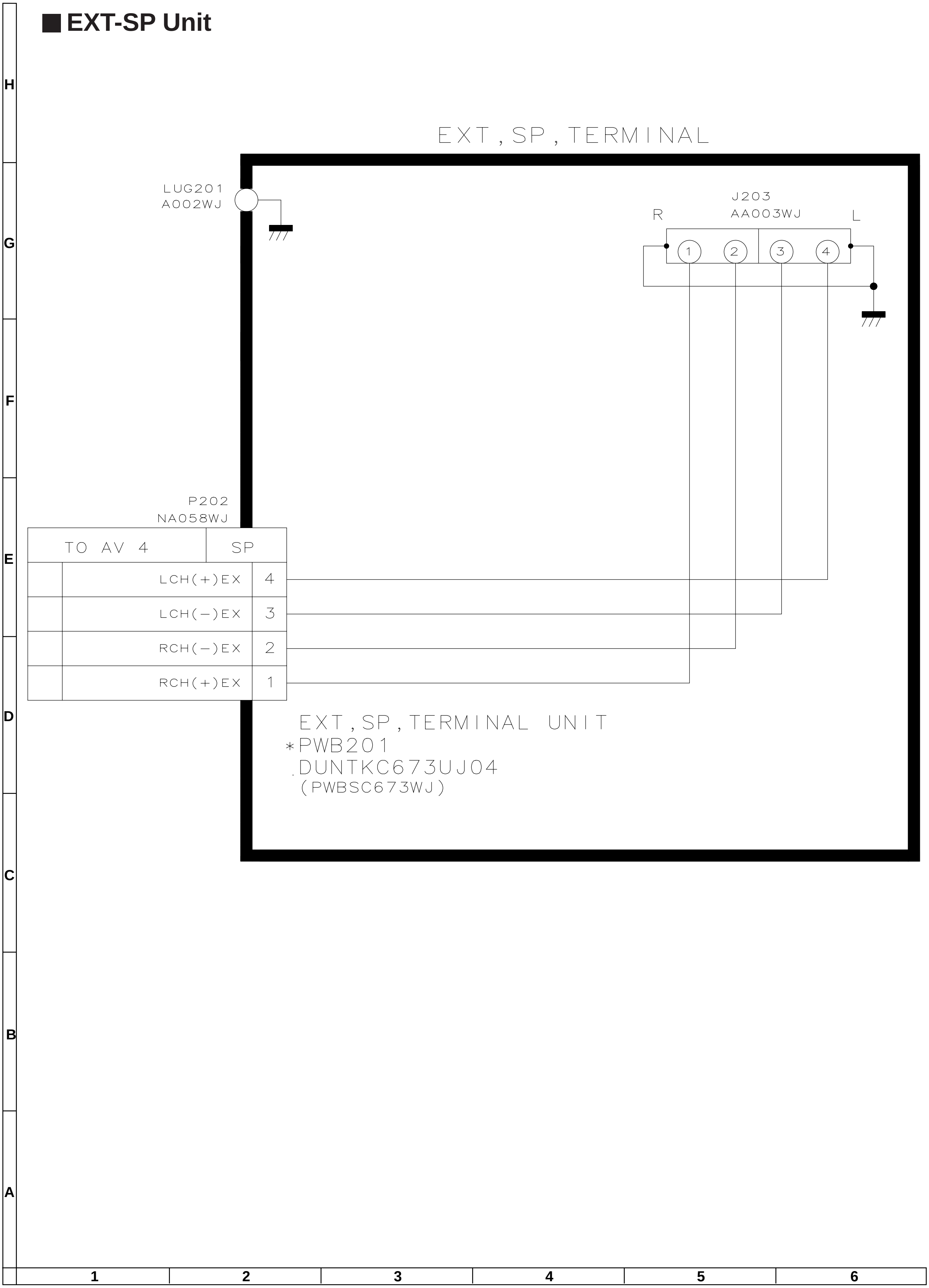

AV5
AV UNIT 5/5
DUNTKC670UJ04
(PWBXC670WJ)
3.0V REG
IC2704
N2885D03
R2781
0
3.3V_IC2704
+5V
C2730
47u
16V
C2731
0.1u Z
25V
TO_AV1
CENT_SP_IN
C2749
1u
16V K
TVB
R2729
10K
C2750
470P
CH
TO_AV2
AOUT_L
AOUT_R
SCL3_2
SDA3_2
SCL3_3
SDA3_3
SDA_INT
TO_AV3
+3.3V(D)
HDMI_SPDIF
TO_AV4
R_AIN
L_AIN
AT_R
AT_L
+5V
HP_RIN
HP_LIN
SRESET
R2741
47
SDA3_2
SCL3_2
C2738
33P
CH
C2739
33P
CH
R2771
2.2K
IC2708
M62320FP
GND
D3
D2
D1
D0
SDA
SCL
SO
D4
D5
D6
D7
VCC
CS2
CS1
CS0
R2742
2.2K
R2744
100
C2740
10u
16V
C2741
0.1u Z
25V
R2745
5.1
C2748
0.1u
25V Z
DZF
NC
MCKO
TX
FB2701
0061TA
R2746
22
C2742
22P
CH
MCK
SDTO
SRESET
SDA3_3
SCL3_3
+2.5V REG
IC2703
A167WJ
IN
SW
OUT
NC
GND
+5V
+2.5V_IC2703
C2727
0.1u Z
25V
R2780
0
C2724
100u
16V
ASY
D2700
1SS355
C2725
100u
16V
ASY
FB2700
0061TA
C2726
0.1u Z
25V
C2710
47u
16V
ASY
C2709
0.1u Z
25V
+3.3V(D)
C2728
0.1u Z
25V
R2730
47K
R2731
47K
R2732
22
SDIO
SDTO
LRCK
BICK
VSSR
VSSR
VDDR
VDDR
SDI0
SDI1
SDI2
LRI
BCKI
MCK
BCKO
LRO
SOUND
IC27
NJU26
C2713
22P
CH
C2712
22P
CH
R2715
22
R2716
22
SDO2
SDO1
SDO0
SDA2
R2700
22
R2701
22
R2702
22
C2700
22P
CH
C2701
22P
CH
C2702
22P
CH
LUG2701
A006WJ
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


3.0V REG
IC2704
N2885D03
R2781
0
3.3V_IC2704
D2702
1SS355
C2730
47u
16V
C2731
0.1u Z
25V
C2732
47u
16V
C2733
0.1u
25V Z
R2735
10K CJ
R2738
100
C2761
27P
CH
X2702
CA045WJ
12.288MHz
R2710
680
C2762
27P CH
C2771
0.1u
25V Z
C2772
0.1u Z
25V
C2711
0.1u Z
25V
R2734
18K
C2773
1u 16V
TVB
C2774
0.1u Z
25V
C2775
16V
10u
SX
R2728
4.7
C2781
0.1u
25V Z
C2776
1u 16V
TVB
FB2704
0061TA
DIR
IC2702
AK4586VQ
PDN
RX1
I2C
RX2
TST
RX3
SLAVE
RX4
PVSS
R
PVDD
XTO
XTI/EXTCLK
DVDD
DVSS
TVDD
TX
MCKO
LRCK
BICK
SDTO
SDTI1
SDTI2
SDTI3
INT0
INT1
CAD1/CDTO
SDA/CDTI
SCL/CCLK
CAD0/CSN
DZF2/OVF
AVSS
AVDD
RIN
LIN
ROUT
LOUT
ROUT2
LOUT2
ROUT3
LOUT3
DZF1
VCOM
VREFH
C2763
1u 16V
TVB
C2764
0.1u
25V Z
R2782
22
R2783
22
C2765
10u 16V
R2784
22
SX
C2766
1u
16V TVB
R2785
22
R2703
4.7
C2767
0.1u
25V Z
MCK
LRCK
BICK
SDIO
R2764
4.7K
R2765
4.7K
R2766
4.7K
R2767
4.7K
C2782
4.7u
16V
A113WJ
C2778
4.7u
16V
A113WJ
R2770
27K
R_AIN
C2783
4.7u
16V
A113WJ
R2756
27K
L_AIN
C2779
4.7u
16V
A113WJ
R2761
220
AT_R
AT_L
C2784
4.7u
16V
A113WJ
R2762
220
R2759
27K
AOUT_R
AOUT_L
C2780
4.7u
16V
A113WJ
C2707
4.7u
16V
A113WJ
R2760
27K
HP_RIN
HP_LIN
C2720
4.7u
16V
A113WJ
C2777
2.2u
50V
C2751
0.1u Z
25V
+5V
C2768
10u 16V SX
R2763
4.7K
C2769
10u 16V
SX
C2770
1000P K
50V
R2704
100
C2753
0.1u
25V Z
C2752
10u
16V SX
DIT
IC2709
AK4353
C2747
10u
16V
SX
C2745
10u
16V
SX
C2746
0.1u Z
25V
C2748
0.1u
25V Z
R2745
5.1
R2753
47K
DZF
NC
AVDD
AVSS
VCOM
AOVTL
AOVTR
CAD1
CAD0
I2C
TTL
TST
MCKO
TX
DVDD
DVSS
MCKI
BICK
SDTI
LRCK
PDN
CSN
SCL
SDA
FB2701
0061TA
R2746
22
C2743
0.1u
25V Z
C2744
10u
16V
SX
C2742
22P
CH
R2747
100
R2748
100
MCK
SDTO
Q2702
C3928AR
R2749
4.7K
R2750
1K
Q2703
C3928AR
R2751
4.7K
R2752
1K
C2789
0.1u
25V Z
C2790
0.1u
25V Z
C2785
2.2u
50V
SX
C2788
0.1u Z
25V
C2787
2.2u Z
16V
TVF
C2786
2.2u Z
16V
TVF
R2776
10K
A/D
IC2710
AK5381VT
DGND
VD
VA
AGND
VO
CKS1
L
R
SDTO
LRCK
MCLK
SCLK
PDN
DIF
CS2
CS0
R2779
22
R2778
100
C2709
0.1u Z
25V
C2708
0.1u Z
25V
R2709
100
R2768
4.7K
C2723
47u
16V
ASY
C2722
0.1u
25V Z
C2721
0.1u
25V Z
FB2703
0061TA
SOUND DSP
IC2700
NJU26150
VSSR
VDDR
VSSC
VDDC
SDI0
SDI1
SDI2
LRI
BCKI
MCK
BCKO
LRO
SCL2
VSSC
VDDC
RESETX
VSSO
XO
XI
VDDO
SDO2
SDO1
SDO0
SDA2
SCL/SCK
SDA/SDOUT
AD1/SDIN
AD2/SSX
C2705
8P D
(CH)
C2706
8P D
(CH)
C2704
0.1u
25V Z
X2700
CA015WJ
36.864MHz
R2708
270
GND_C
R2707
1M
C2703
0.1u Z
25V
R2706
10K CJ
R2717
100
CJ
C2714
0.1u Z
25V
VCC
WP
SCL
SDA
A0
A1
A2
GND
EEPROM
IC2706
A899WJN1
R2727
10K CJ
VIRTUAL DOLBY
IC2701
NJU26106
TEST3
SEL1
R2726
100
C2717
0.1u
25V Z
C2718
8P D
(CH)
C2719
8P D
(CH)
X2701
CA015WJ
36.864MHz
R2725
270
R2724
1M
C2716
0.1u
25V Z
R2700
22
R2701
22
R2702
22
C2700
C2701
22P
CH
C2702
22P
CH
R2705
100
CJ
FB2702
0061TA
R2718
22
R2719
10K
C2715
22P
CH
R2721
10K
R2722
10K
R2720
100
10
11
12
13
14
15
16
17
18
19

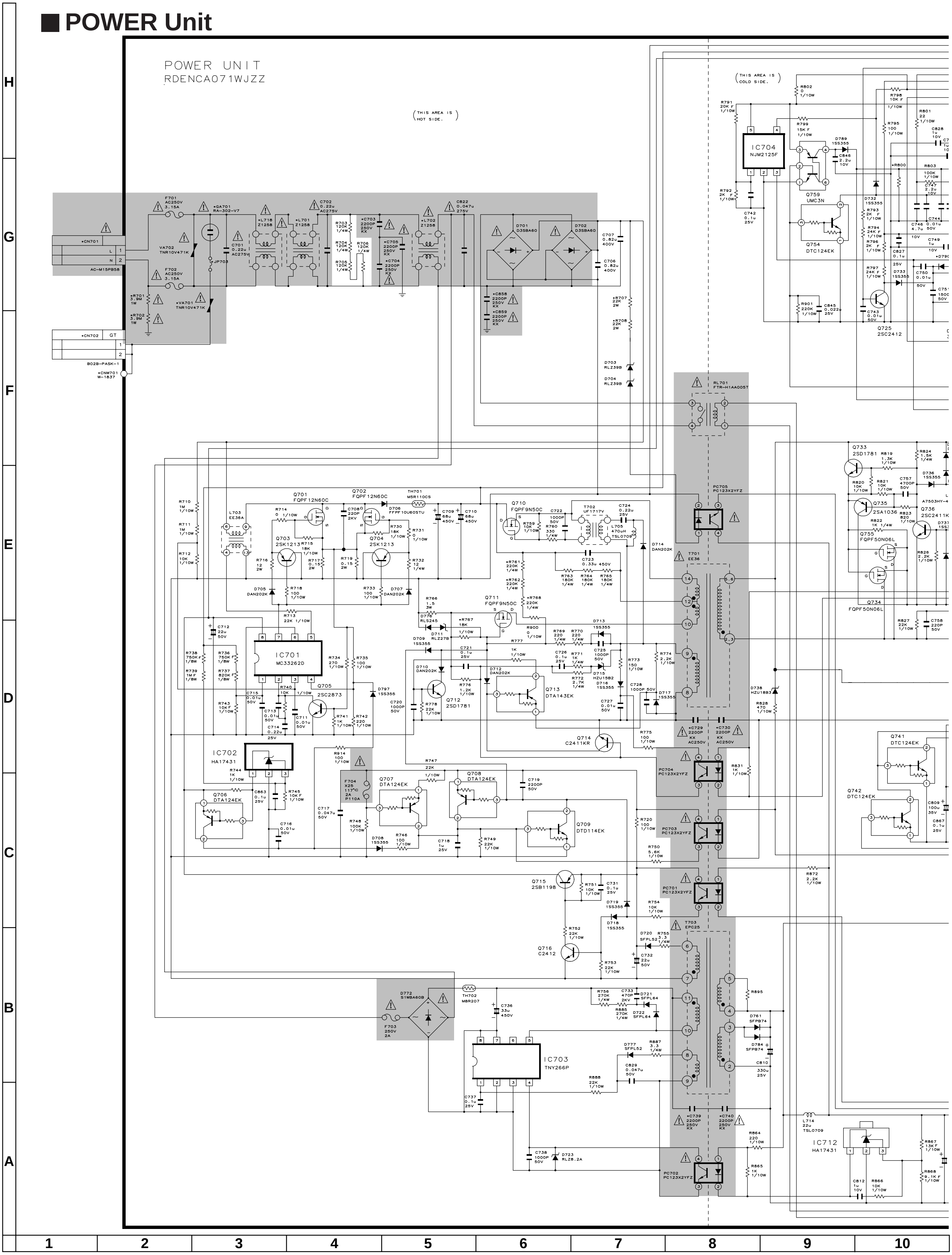
KEY Unit

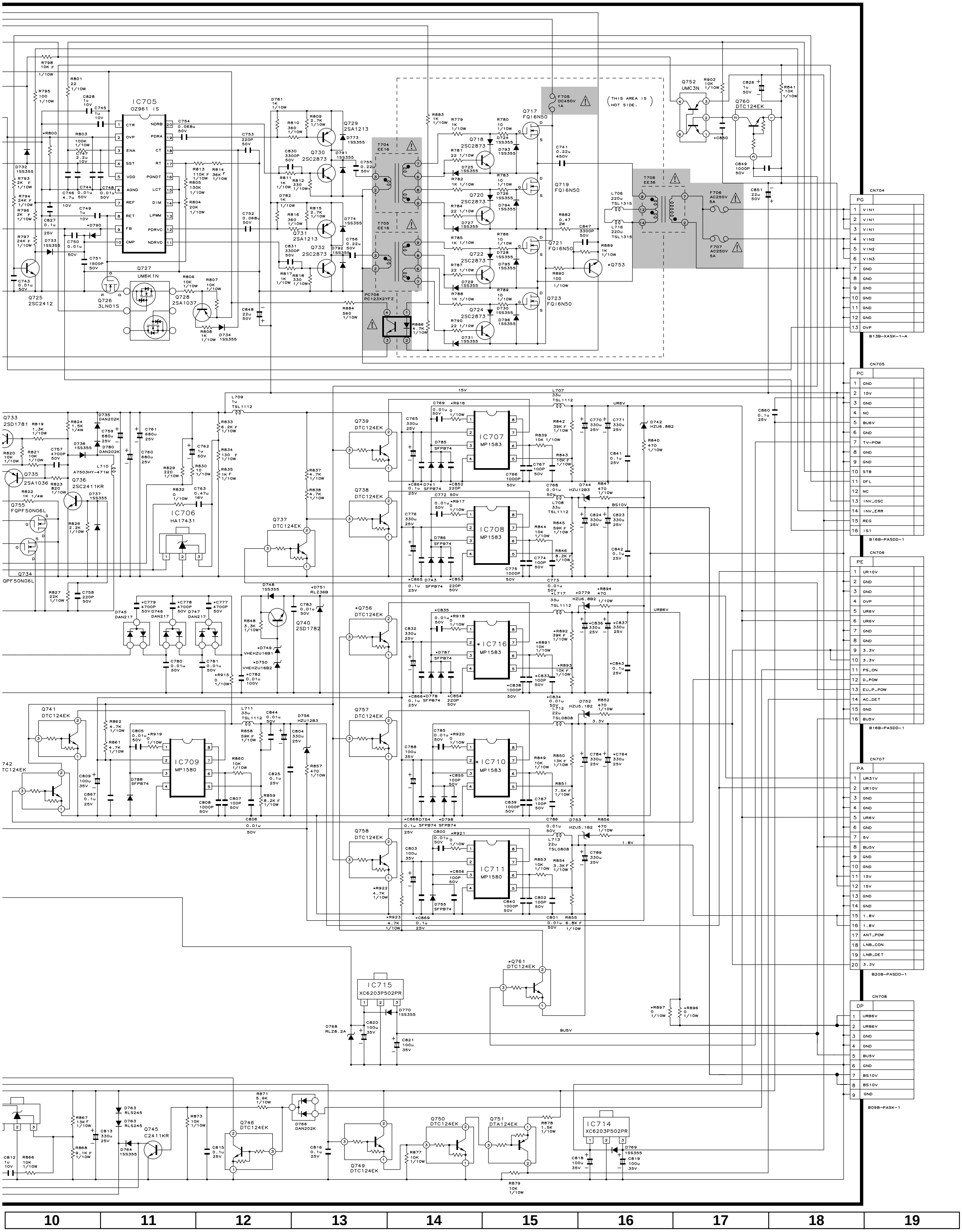

KEY
H
G
F
E
D
C
B
A
1
2
3
4
5
6
VOL–DOWN S155 K0095CE
VOL–UP S154 K0095CE
INPUT S153 K0095CE
CH–DOWN S152 K0095CE
CH–UP S151 K0095CE
D152 A092WJ 12V
D151 A092WJ 12V
R153 8.2K
R152 12K
R151 8.2K
KEY UNIT
*PWB151
DUNTKC671UJ04
(PWBXC671WJ)
*S156 P0560CE
Q151 C314TK
BU+5V
P151 NA161WJ
TO LCD CONT
KM
1 BU+5V
2 KEY1
3 KEY2
4 STBY_POW
5 GND

■ EXT-SP Unit

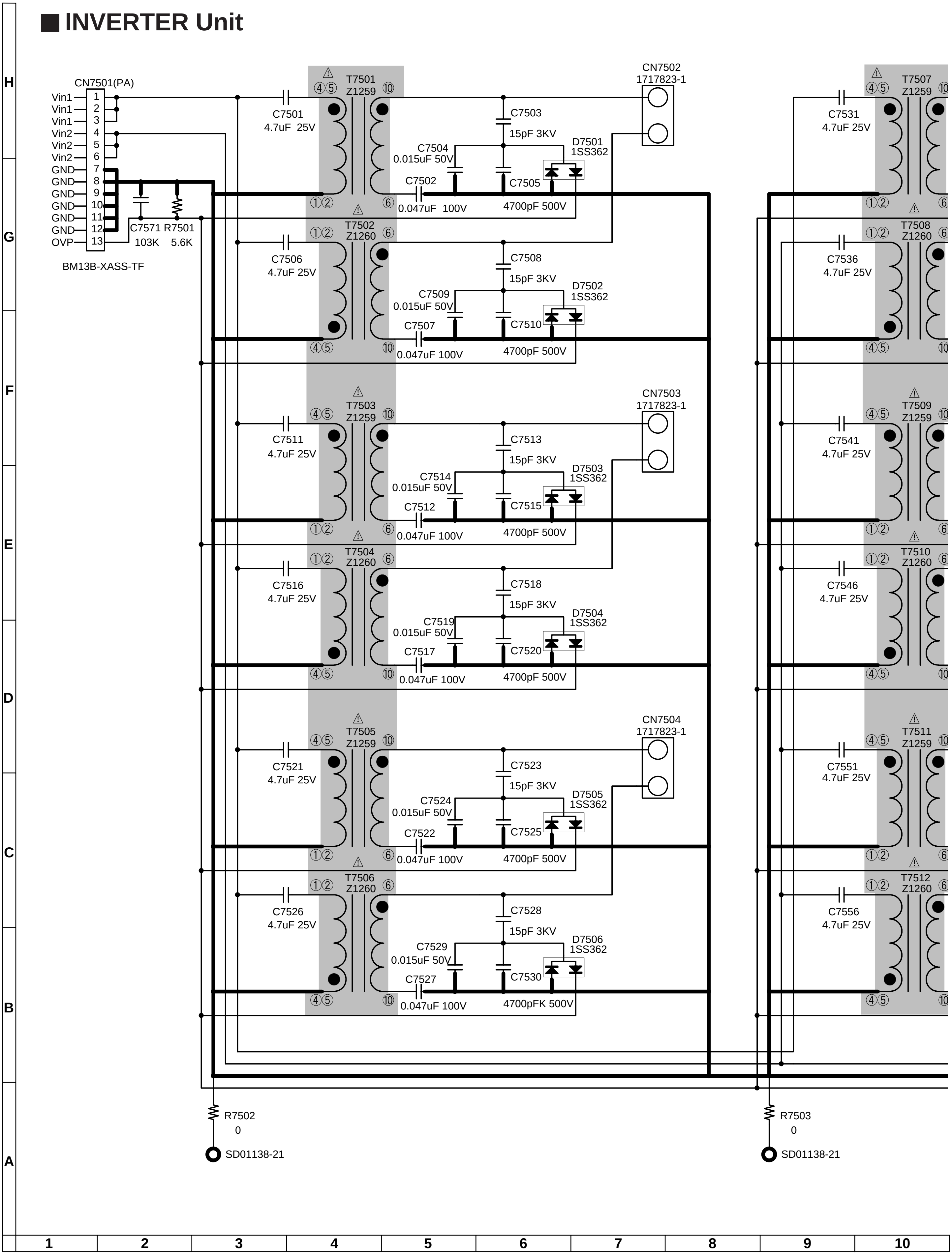

H
G
F
E
D
C
B
A
EXT , SP , TERMINAL
LUG201
A002WJ
J203
AA003WJ
R
L
1
2
3
4
P202
NA058WJ
TO AV 4
SP
LCH(+)EX 4
LCH(−)EX 3
RCH(−)EX 2
RCH(+)EX 1
EXT,SP,TERMINAL UNIT
*PWB201
DUNTKC673UJ04
(PWBSC673WJ)
1
2
3
4
5
6

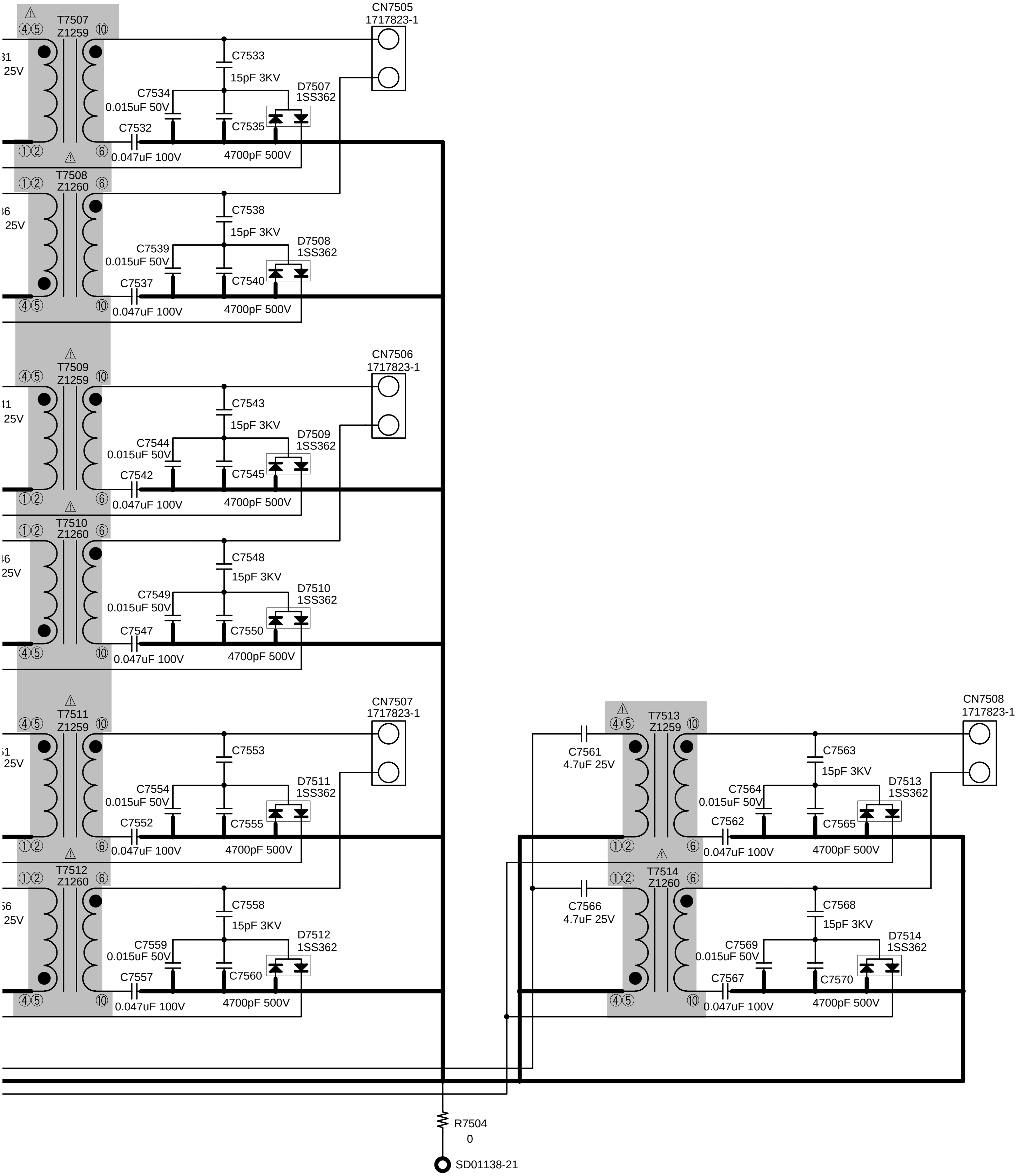
■ POWER Unit


POWER UNIT
RDENCA071WJZZ
(THIS AREA IS HOT SIDE.)
(THIS AREA IS COLD SIDE.)
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
CN701
AC-M15PB5B
CN702
B02B-PASK-1
CNW701 W-1837
F701 AC250V 3.15A
F702 AC250V 3.15A
VA701 TNR10V471K
VA702 TNR10V471K
GA701 RA-302-V7
JP701
C701 0.22u AC275V
C702 0.22u AC275V
L718 Z1258
L701 Z1258
L702 Z1258
C822 0.047u 275V
D701 D3SBA60
D702 D3SBA60
C707 0.82u 400V
C706 0.82u 400V
R701 3.9M 1W
R702 3.9M 1W
C858 2200P 250V KX
C859 2200P 250V KX
R707 22K 2W
R708 22K 2W
D703 RLZ39B
D704 RLZ39B
RL701 FTR-H1AA005T
IC704 NJM2125F
Q759 UMC3N
Q754 DTC124EK
Q725 2SC2412
Q733 2SD1781
Q735 2SA1036
Q736 2SC2411K
Q755 FQPF50N06L
Q734 FQPF50N06L
Q701 FQPF12N60C
Q702 FQPF12N60C
Q703 2SK1213
Q704 2SK1213
TH701 M5R110CS
D706 FFPF10U60STU
L703 EE36A
IC701 MC33262D
Q705 2SC2873
IC702 HA17431
Q706 DTA124EK
F704 X25 117°C 2A P110A
Q707 DTA124EK
Q708 DTA124EK
Q709 DTD114EK
Q710 FQPF9N50C
T702 UF1717V
L705 470uH TSL0709
Q711 FQPF9N50C
Q712 2SD1781
Q713 DTA143EK
Q714 C2411KR
T701 EE36
PC705 PC123X2YFZ
PC704 PC123X2YFZ
PC703 PC123X2YFZ
PC701 PC123X2YFZ
PC702 PC123X2YFZ
Q715 2SB1198
Q716 C2412
T703 EPC25
D772 S1WBA60B
F703 250V 2A
TH702 MBR207
IC703 TNY266P
IC712 HA17431
L714 22u TSL0709
Q741 DTC124EK
Q742 DTC124EK


IC705
OZ961 IS
CTR
OVP
ENA
SST
VDD
AGND
REF
RET
FB
CMP
NDRB
PDRA
CT
RT
PGNDT
LCT
DIM
LPWM
PDRVC
NDRVD
Q725
2SC2412
Q726
3LN01S
Q727
UM6K1N
Q728
2SA1037
Q729
2SA1213
Q730
2SC2873
Q731
2SA1213
Q732
2SC2873
T704
EE16
T705
EE16
PC706
PC123X2YFZ
Q717
FQ16N50
Q718
2SC2873
Q719
FQ16N50
Q720
2SC2873
Q721
FQ16N50
Q722
2SC2873
Q723
FQ16N50
Q724
2SC2873
Q753
F705
DC450V
1A
(THIS AREA IS HOT SIDE.)
T706
EE36
L706
TSL1315
L716
TSL1315
F706
AC250V
5A
F707
AC250V
5A
Q752
UMC3N
Q760
DTC124EK
CN704
PG
VIN1
VIN2
VIN3
GND
OVP
B13B-XASK-1-A
CN705
PC
GND
15V
NC
BU6V
TV-POW
STB
OFL
INV_OSC
INV_ERR
REG
IS1
B16B-PASDD-1
CN706
PE
UR10V
UR6V
3.3V
PS_ON
D_POW
EU_P_POW
AC_DET
BU5V
B16B-PASDD-1
CN707
PA
UR31V
UR10V
5V
BU5V
15V
1.8V
ANT_POW
LNB_CON
LNB_DET
3.3V
B20B-PASDD-1
CN708
DP
URB6V
BU5V
BS10V
B09B-PASK-1
Q733
2SD1781
Q735
2SA1036
Q736
2SC2411KR
Q755
FQPF50N06L
Q734
QPF50N06L
IC706
HA17431
L709
TSL1112
L710
A7503HY-471M
Q737
DTC124EK
Q738
DTC124EK
Q739
DTC124EK
IC707
MP1583
IC708
MP1583
L707
TSL1112
L708
TSL1112
UR6V
BS10V
D742
HZU6.8B2
D744
HZU12B3
Q740
2SD1782
D749
VHEHZU16B1
D750
VHEHZU16B2
D745
DAN217
D746
DAN217
D747
DAN217
Q756
DTC124EK
IC716
MP1583
L717
TSL1112
URB6V
Q757
DTC124EK
IC710
MP1583
L712
TSL0808
D752
HZU5.1B2
3.3V
Q741
DTC124EK
Q742
DTC124EK
IC709
MP1580
L711
TSL1112
D756
HZU12B3
Q758
DTC124EK
IC711
MP1580
L713
TSL0808
D753
HZU5.1B2
1.8V
IC715
XC6203P502PR
D768
RLZ8.2A
D770
1SS355
Q761
DTC124EK
BU5V
Q745
C2411KR
D763
RLS245
D764
1SS355
Q746
DTC124EK
D766
DAN202K
Q749
DTC124EK
Q750
DTC124EK
Q751
DTA124EK
IC714
XC6203P502PR
D769
1SS355
10
11
12
13
14
15
16
17
18
19

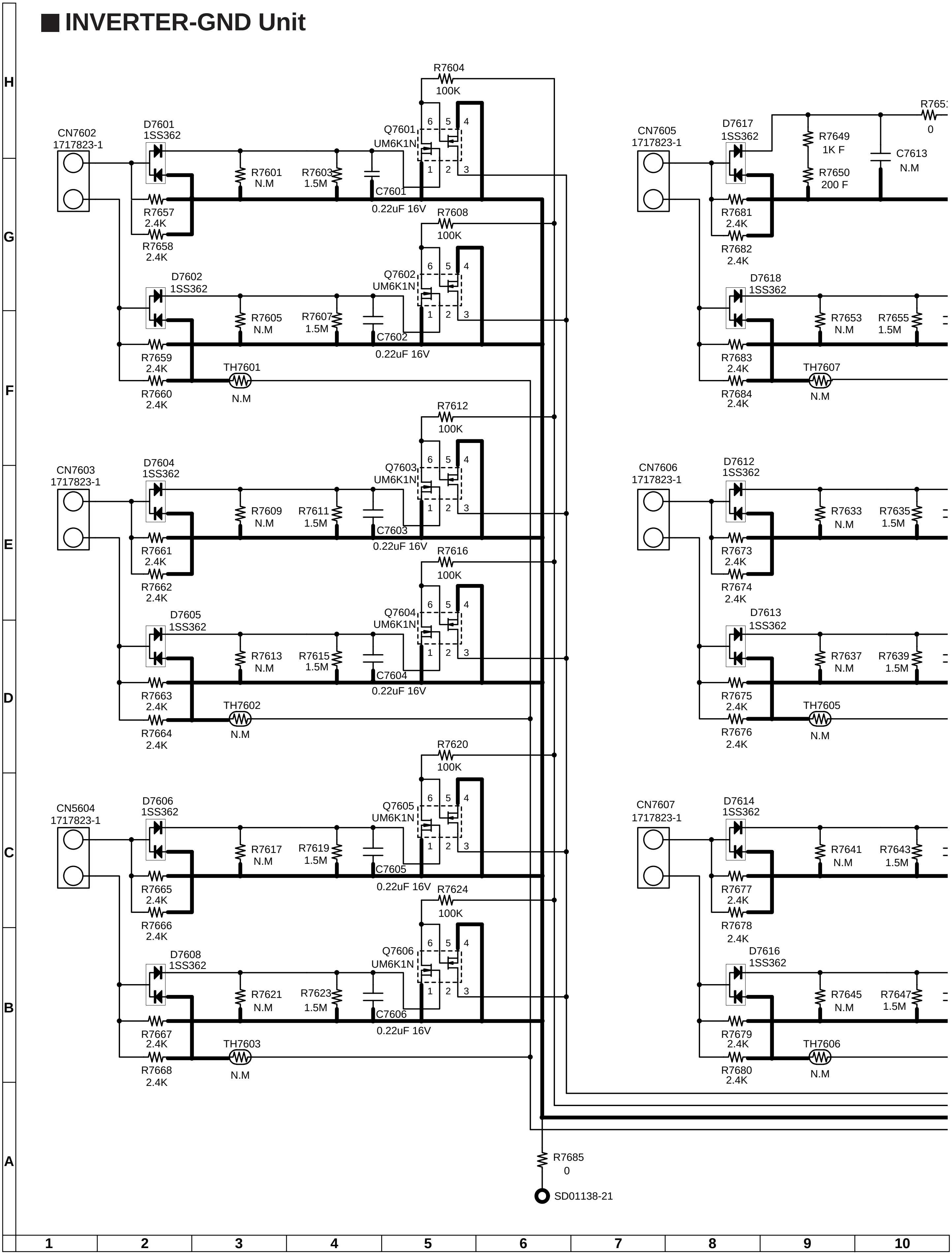
■ INVERTER Unit

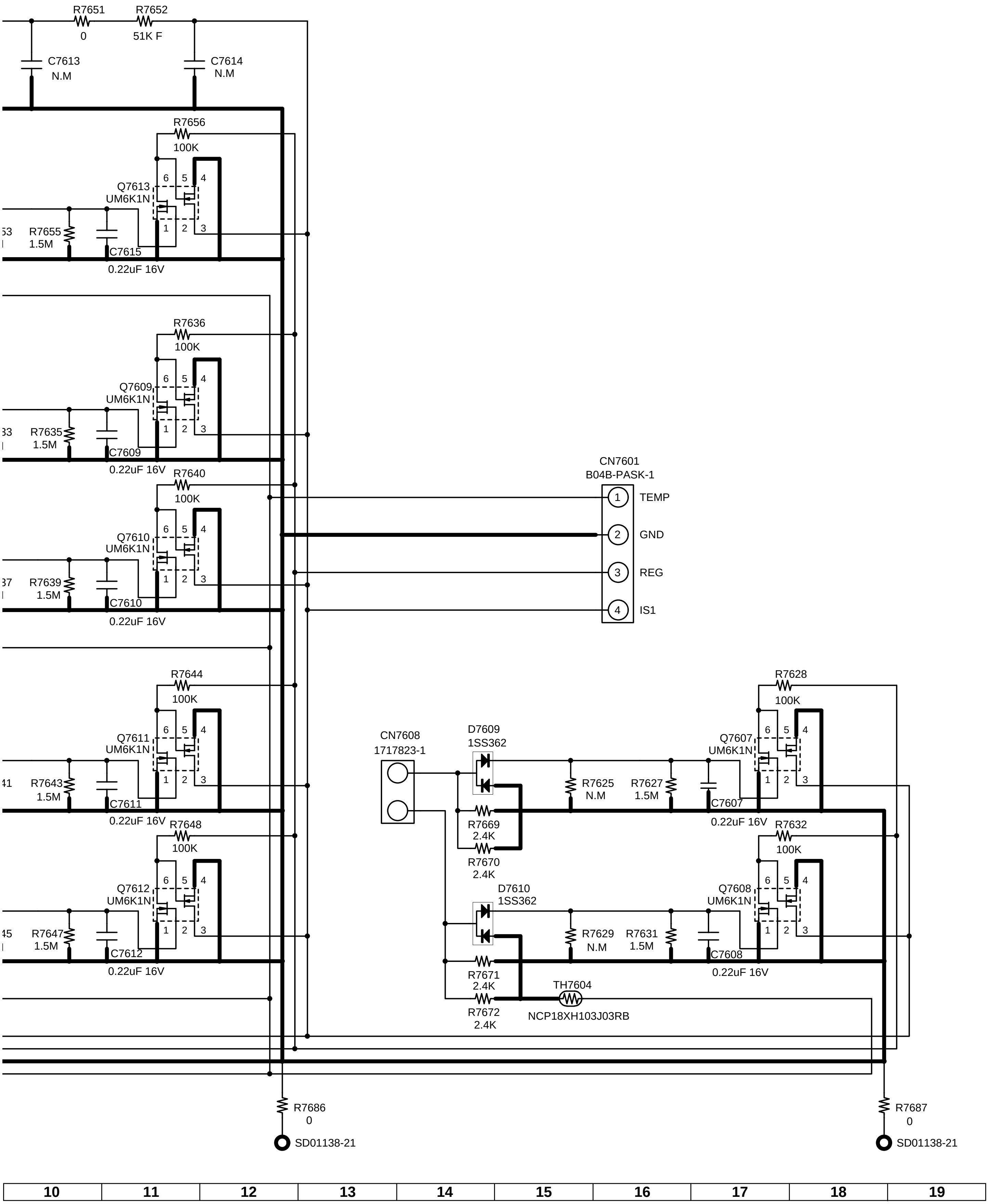

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
CN7501(PA)
Vin1 1
Vin1 2
Vin1 3
Vin2 4
Vin2 5
Vin2 6
GND 7
GND 8
GND 9
GND 10
GND 11
GND 12
OVP 13
BM13B-XASS-TF
C7571 103K
R7501 5.6K
T7501 Z1259
④⑤ ⑩ ①② ⑥
C7501 4.7uF 25V
C7503 15pF 3KV
C7504 0.015uF 50V
C7502 0.047uF 100V
C7505 4700pF 500V
D7501 1SS362
CN7502 1717823-1
T7502 Z1260
C7506 4.7uF 25V
C7508 15pF 3KV
C7509 0.015uF 50V
C7507 0.047uF 100V
C7510 4700pF 500V
D7502 1SS362
T7503 Z1259
CN7503 1717823-1
C7511 4.7uF 25V
C7513 15pF 3KV
C7514 0.015uF 50V
C7512 0.047uF 100V
C7515 4700pF 500V
D7503 1SS362
T7504 Z1260
C7516 4.7uF 25V
C7518 15pF 3KV
C7519 0.015uF 50V
C7517 0.047uF 100V
C7520 4700pF 500V
D7504 1SS362
T7505 Z1259
CN7504 1717823-1
C7521 4.7uF 25V
C7523 15pF 3KV
C7524 0.015uF 50V
C7522 0.047uF 100V
C7525 4700pF 500V
D7505 1SS362
T7506 Z1260
C7526 4.7uF 25V
C7528 15pF 3KV
C7529 0.015uF 50V
C7527 0.047uF 100V
C7530 4700pFK 500V
D7506 1SS362
T7507 Z1259
C7531 4.7uF 25V
T7508 Z1260
C7536 4.7uF 25V
T7509 Z1259
C7541 4.7uF 25V
T7510 Z1260
C7546 4.7uF 25V
T7511 Z1259
C7551 4.7uF 25V
T7512 Z1260
C7556 4.7uF 25V
R7502 0
SD01138-21
R7503 0
SD01138-21


T7507
Z1259
④⑤
⑩
①②
⑥
25V
CN7505
1717823-1
C7533
15pF 3KV
C7534
0.015uF 50V
D7507
1SS362
C7532
0.047uF 100V
C7535
4700pF 500V
T7508
Z1260
①②
⑥
④⑤
⑩
25V
C7538
15pF 3KV
C7539
0.015uF 50V
D7508
1SS362
C7537
0.047uF 100V
C7540
4700pF 500V
CN7506
1717823-1
T7509
Z1259
25V
C7543
15pF 3KV
C7544
0.015uF 50V
D7509
1SS362
C7542
0.047uF 100V
C7545
4700pF 500V
T7510
Z1260
25V
C7548
15pF 3KV
C7549
0.015uF 50V
D7510
1SS362
C7547
0.047uF 100V
C7550
4700pF 500V
CN7507
1717823-1
T7511
Z1259
25V
C7553
C7554
0.015uF 50V
D7511
1SS362
C7552
0.047uF 100V
C7555
4700pF 500V
T7512
Z1260
25V
C7558
15pF 3KV
C7559
0.015uF 50V
D7512
1SS362
C7557
0.047uF 100V
C7560
4700pF 500V
T7513
Z1259
CN7508
1717823-1
C7561
4.7uF 25V
C7563
15pF 3KV
C7564
0.015uF 50V
D7513
1SS362
C7562
0.047uF 100V
C7565
4700pF 500V
T7514
Z1260
C7566
4.7uF 25V
C7568
15pF 3KV
C7569
0.015uF 50V
D7514
1SS362
C7567
0.047uF 100V
C7570
4700pF 500V
R7504
0
SD01138-21

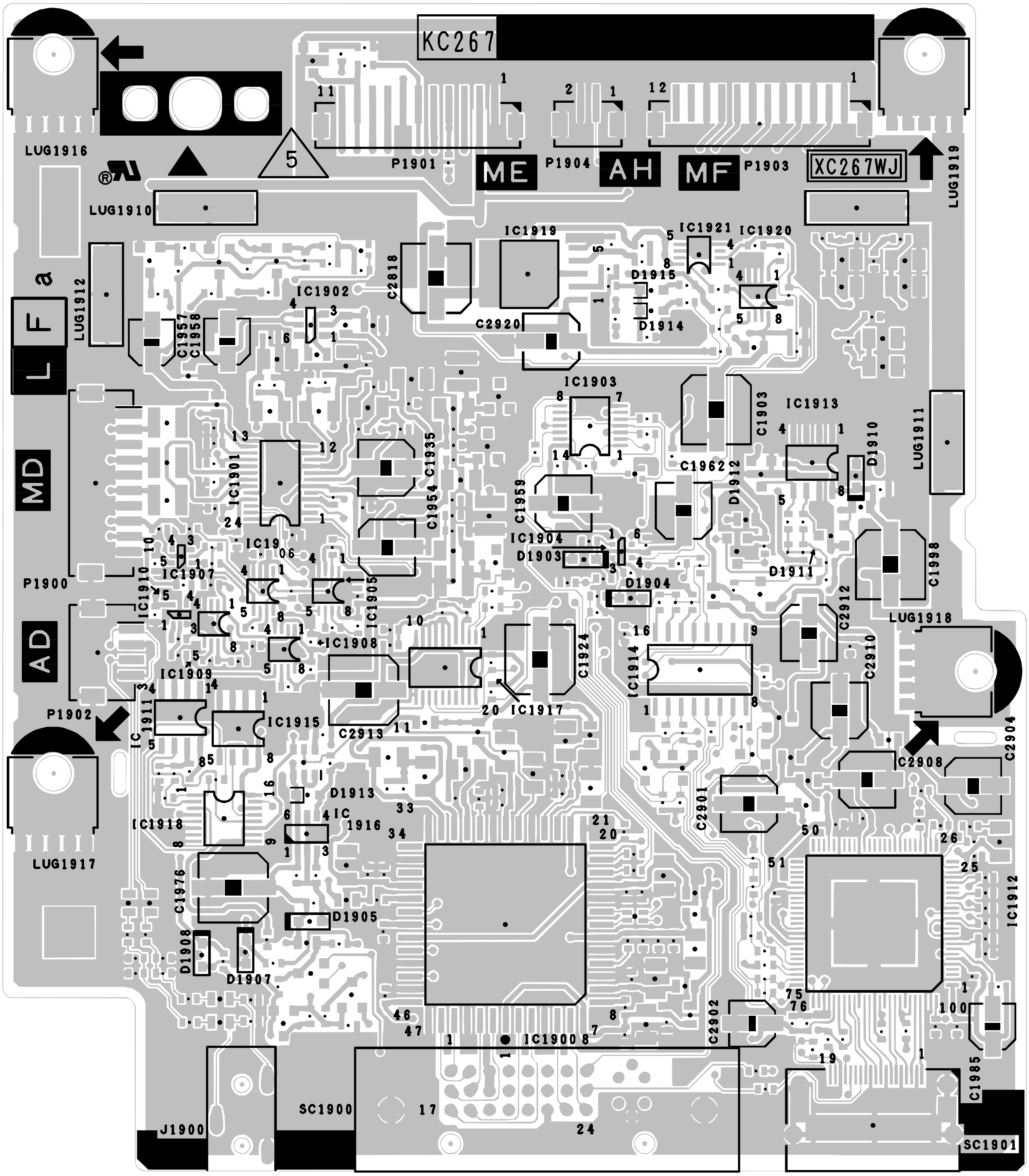
10	11	12	13	14	15	16	17	18	19

■ INVERTER-GND Unit

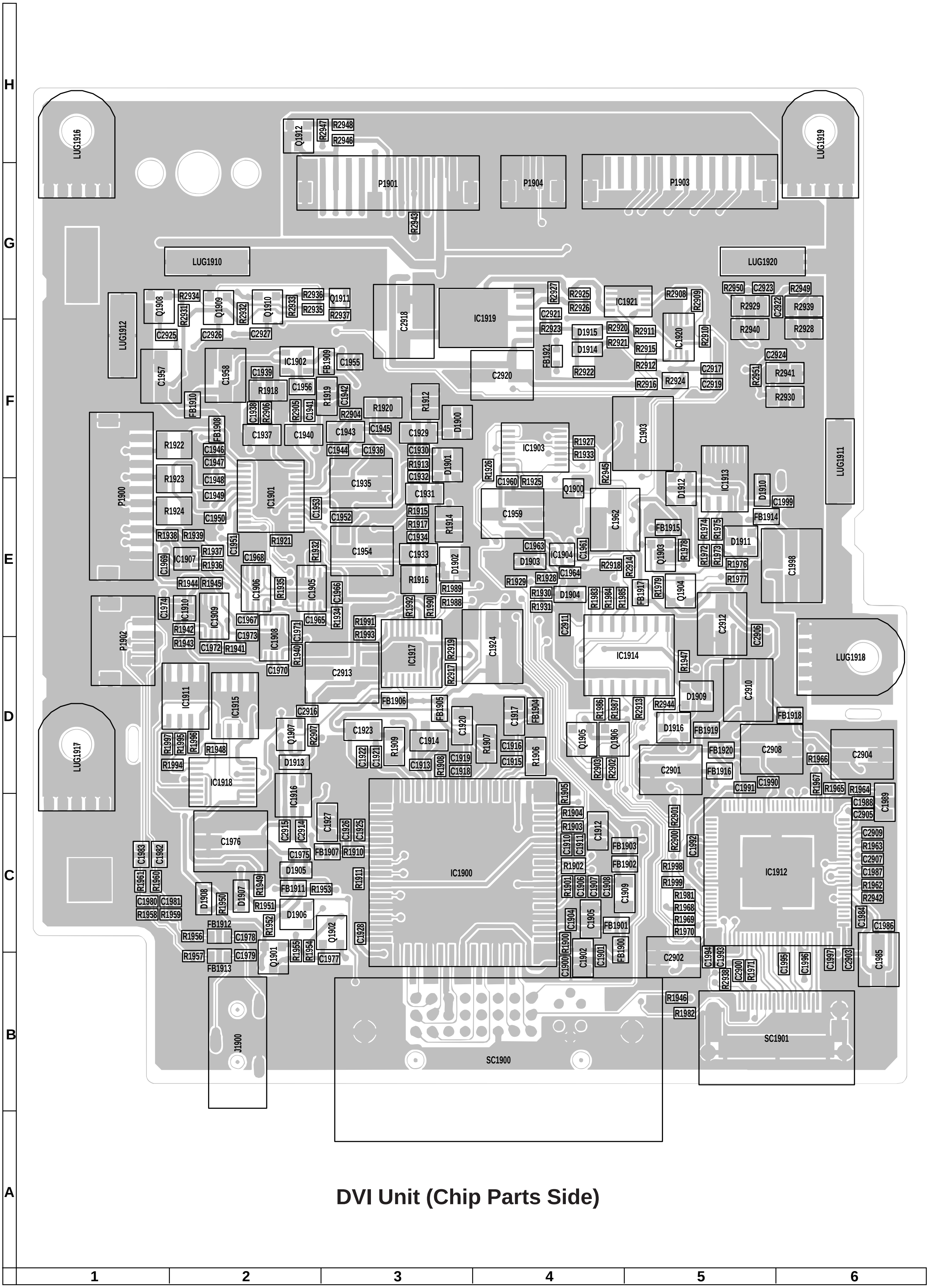

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
R7604
100K
CN7602
1717823-1
D7601
1SS362
Q7601
UM6K1N
R7601
N.M
R7603
1.5M
C7601
0.22uF 16V
R7657
2.4K
R7658
2.4K
R7608
100K
D7602
1SS362
Q7602
UM6K1N
R7605
N.M
R7607
1.5M
C7602
0.22uF 16V
R7659
2.4K
R7660
2.4K
TH7601
N.M
R7612
100K
CN7603
1717823-1
D7604
1SS362
Q7603
UM6K1N
R7609
N.M
R7611
1.5M
C7603
0.22uF 16V
R7661
2.4K
R7662
2.4K
R7616
100K
D7605
1SS362
Q7604
UM6K1N
R7613
N.M
R7615
1.5M
C7604
0.22uF 16V
R7663
2.4K
R7664
2.4K
TH7602
N.M
R7620
100K
CN5604
1717823-1
D7606
1SS362
Q7605
UM6K1N
R7617
N.M
R7619
1.5M
C7605
0.22uF 16V
R7665
2.4K
R7666
2.4K
R7624
100K
D7608
1SS362
Q7606
UM6K1N
R7621
N.M
R7623
1.5M
C7606
0.22uF 16V
R7667
2.4K
R7668
2.4K
TH7603
N.M
6
5
4
1
2
3
CN7605
1717823-1
D7617
1SS362
R7649
1K F
R7650
200 F
C7613
N.M
R765
0
R7681
2.4K
R7682
2.4K
D7618
1SS362
R7653
N.M
R7655
1.5M
R7683
2.4K
R7684
2.4K
TH7607
N.M
CN7606
1717823-1
D7612
1SS362
R7633
N.M
R7635
1.5M
R7673
2.4K
R7674
2.4K
D7613
1SS362
R7637
N.M
R7639
1.5M
R7675
2.4K
R7676
2.4K
TH7605
N.M
CN7607
1717823-1
D7614
1SS362
R7641
N.M
R7643
1.5M
R7677
2.4K
R7678
2.4K
D7616
1SS362
R7645
N.M
R7647
1.5M
R7679
2.4K
R7680
2.4K
TH7606
N.M
R7685
0
SD01138-21


R7651
0
R7652
51K F
C7613
N.M
C7614
N.M
R7656
100K
Q7613
UM6K1N
R7655
1.5M
C7615
0.22uF 16V
R7636
100K
Q7609
UM6K1N
R7635
1.5M
C7609
0.22uF 16V
R7640
100K
Q7610
UM6K1N
R7639
1.5M
C7610
0.22uF 16V
CN7601
B04B-PASK-1
1 TEMP
2 GND
3 REG
4 IS1
R7644
100K
Q7611
UM6K1N
R7643
1.5M
C7611
0.22uF 16V
R7648
100K
Q7612
UM6K1N
R7647
1.5M
C7612
0.22uF 16V
CN7608
1717823-1
D7609
1SS362
R7625
N.M
R7627
1.5M
R7669
2.4K
R7670
2.4K
R7628
100K
Q7607
UM6K1N
C7607
0.22uF 16V
R7632
100K
Q7608
UM6K1N
D7610
1SS362
R7629
N.M
R7631
1.5M
C7608
0.22uF 16V
R7671
2.4K
R7672
2.4K
TH7604
NCP18XH103J03RB
R7686
0
SD01138-21
R7687
0
SD01138-21
6
5
4
1
2
3
10
11
12
13
14
15
16
17
18
19

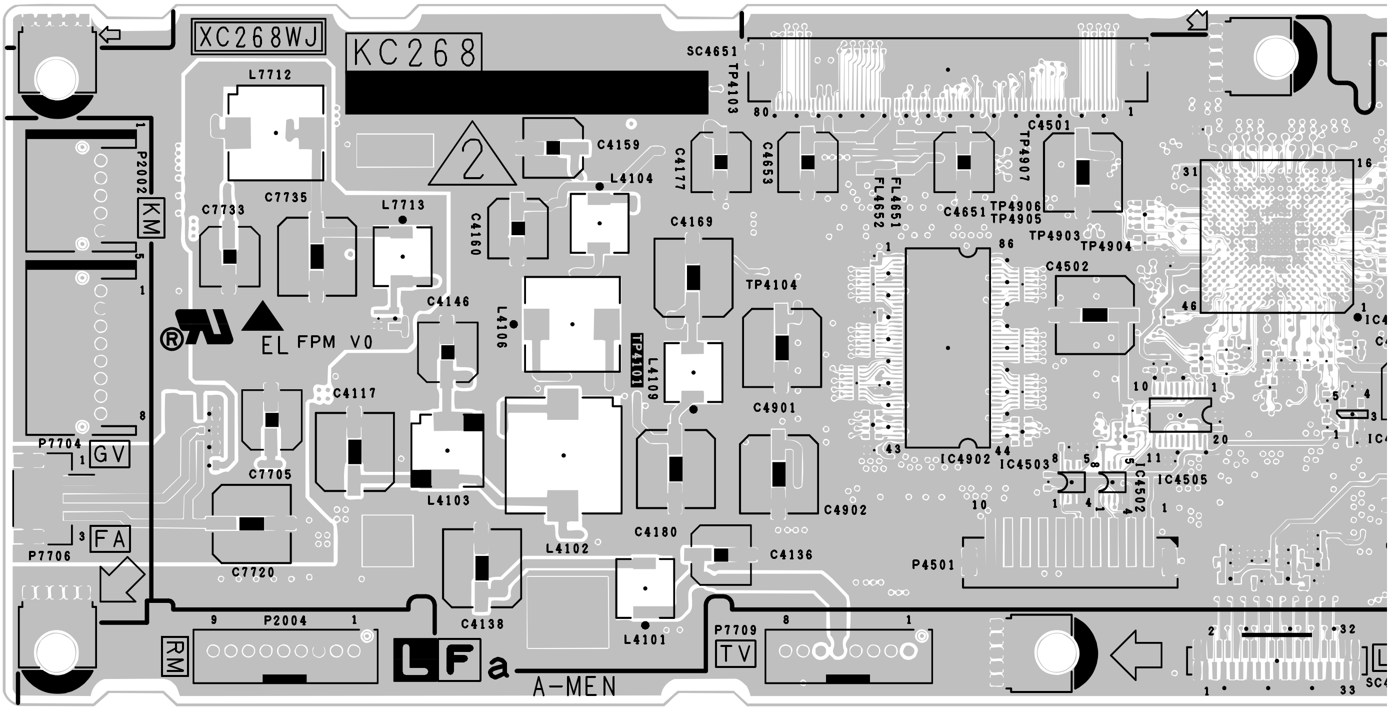
PRINTED WIRING BOARD ASSEMBLIES


KC267
XC267WJ
ME
AH
MF
LF
MD
AD
P1901
P1904
P1903
P1900
P1902
LUG1916
LUG1910
LUG1912
LUG1919
LUG1911
LUG1918
LUG1917
IC1919
IC1921
IC1920
IC1902
IC1903
IC1913
IC1901
IC1906
IC1907
IC1910
IC1905
IC1908
IC1909
IC1911
IC1915
IC1904
IC1917
IC1914
IC1918
IC1916
IC1900
IC1912
D1915
D1914
D1910
D1912
D1903
D1904
D1911
D1913
D1905
D1908
D1907
C2818
C2920
C1957
C1958
C1935
C1954
C1959
C1903
C1962
C1998
C2912
C2910
C1924
C2913
C2908
C2904
C2901
C1976
C2902
C1985
J1900
SC1900
SC1901

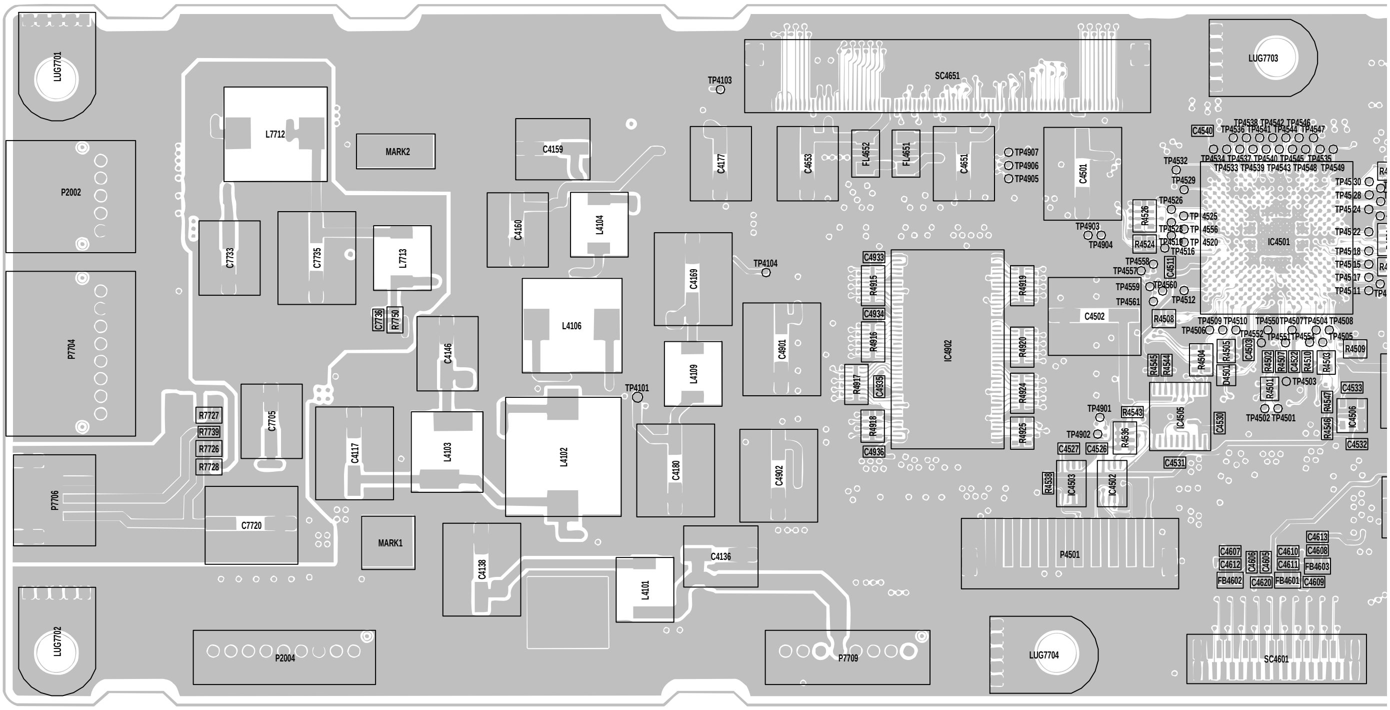
DVI Unit (Component Side)


H
G
F
E
D
C
B
A
1
2
3
4
5
6
LUG1916
LUG1919
Q1912
R2947
R2948
R2946
P1901
P1904
P1903
R2943
LUG1910
LUG1920
LUG1912
Q1908
R2934
R2931
Q1909
R2932
Q1910
R2933
R2936
R2935
Q1911
R2937
C2918
IC1919
R2927
R2925
R2926
IC1921
R2908
R2909
R2950
C2923
R2949
R2929
C2922
R2939
C2921
R2923
D1915
R2920
R2911
R2921
D1914
R2915
IC1920
R2910
R2940
R2928
C2925
C2926
C2927
C1957
C1958
IC1902
FB1909
C1955
C2920
FB1921
R2922
R2912
R2916
R2924
C2917
C2919
C2924
R2951
R2941
R2930
C1939
R1918
C1956
R1919
C1942
R1912
FB1910
C1938
R2906
R2905
C1941
R1920
R2904
D1900
P1900
FB1908
R1922
C1937
C1940
C1943
C1945
C1929
C1946
C1944
C1936
C1930
IC1903
R1927
R1933
C1903
LUG1911
C1947
R1923
C1948
IC1901
C1935
R1913
C1932
D1901
R1926
C1960
R1925
R2945
Q1900
D1912
IC1913
D1910
C1949
C1931
C1999
R1924
C1953
C1952
C1950
R1915
R1917
R1914
C1959
C1962
FB1914
FB1915
R1974
R1975
R1938
R1939
R1921
C1934
C1951
C1954
C1963
IC1904
C1961
D1911
R1937
IC1907
R1932
C1933
D1902
R1972
R1973
C1998
C1969
R1936
C1968
D1903
Q1903
R1978
R1976
C1964
R2918
R2914
R1916
R1928
R1977
R1944
R1945
IC1906
R1935
IC1905
C1966
R1929
R1989
R1930
D1904
R1983
R1984
R1985
FB1917
R1979
Q1904
R1988
P1902
C1974
IC1910
IC1909
R1992
R1990
R1931
C1967
R1934
C1965
C2911
C2912
C1908
R1991
C2906
R1942
C1973
C1971
R1993
C1924
LUG1918
R1943
C1972
R1941
R1940
C1917
R2919
IC1914
C2913
R1947
C1970
R2917
IC1911
IC1915
FB1906
FB1905
C1917
FB1904
R1986
R1987
R2913
R2944
D1909
C2910
C2916
C1920
D1916
FB1918
Q1907
R2907
C1923
FB1919
Q1905
Q1906
C2908
C2904
R1997
R1995
R1996
R1948
C1914
R1907
C1916
FB1920
R1909
R1906
R1966
C1922
C1921
C1919
C1915
R2903
R2902
C2901
LUG1917
R1994
D1913
C1913
R1908
C1918
FB1916
IC1918
C1991
C1990
R1967
R1965
R1964
IC1916
R1905
C1988
C1989
C1905
R1904
R2901
C1927
C1926
C1925
R1903
C1912
C2909
C1976
C2915
C2914
C1910
C1911
FB1903
R2900
C1992
R1963
C1983
C1982
C1975
FB1907
R1910
IC1900
R1902
FB1902
IC1912
C2907
D1905
R1998
C1987
R1961
R1960
R1911
R1901
C1906
C1907
C1908
C1909
R1999
R1962
D1908
D1907
R1949
FB1911
R1953
R1981
R2942
C1980
C1981
R1950
R1951
D1906
R1968
R1958
R1959
R1952
Q1902
C1904
C1905
FB1901
R1969
C1984
FB1912
C1928
R1970
C1986
R1956
C1978
R1900
C2902
Q1901
R1955
R1954
C1900
C1902
C1901
FB1900
C1994
C1993
C1995
C1996
C1997
C2903
C1985
R1957
C1979
C1977
C2900
R1971
R2938
FB1913
R1946
R1982
J1900
SC1900
SC1901

DVI Unit (Chip Parts Side)

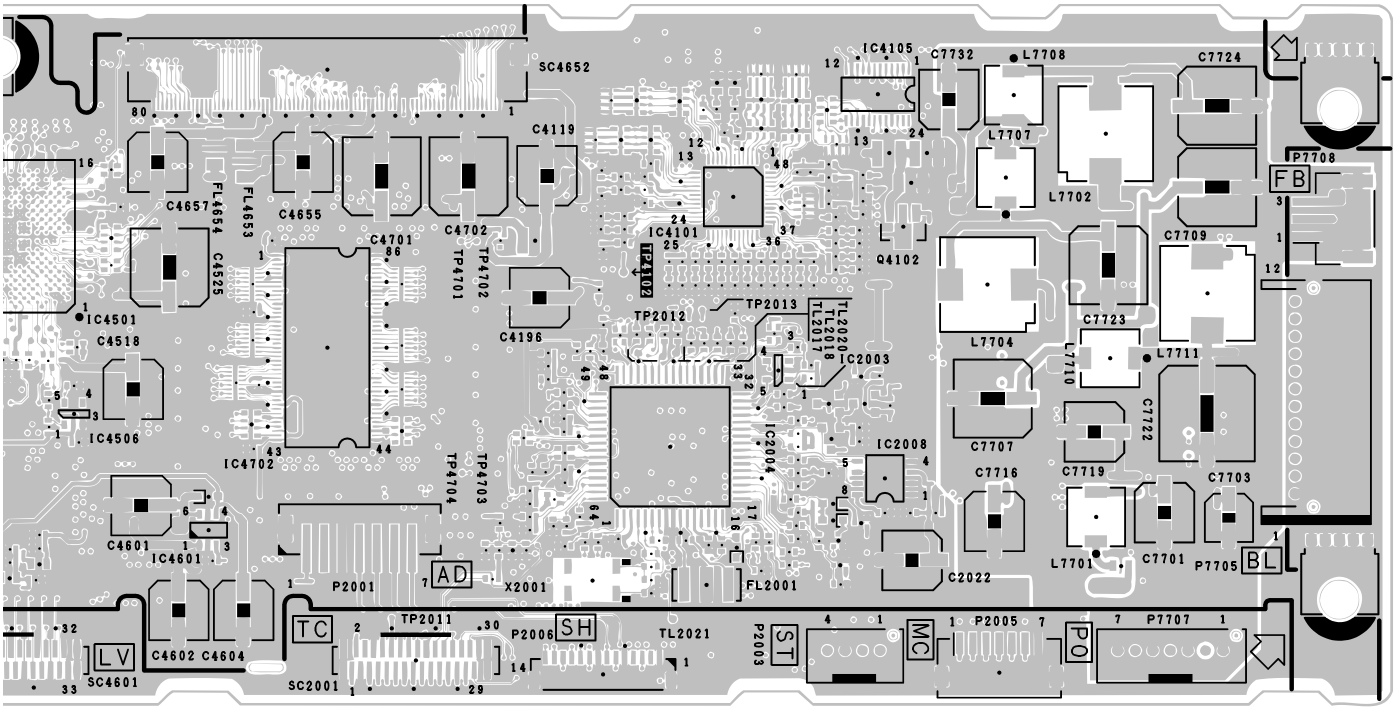

XC268WJ
KC268
SC4651
TP4103
L7712
C4159
C4177
C4653
TP4907
C4501
P2002
KM
C7733
C7735
L7713
C4160
L4104
FL4652
FL4651
C4651
TP4906
TP4905
TP4903
TP4904
C4169
C4502
C4146
L4106
TP4101
L4109
TP4104
EL FPM V0
C4117
C4901
IC4902
IC4503
IC4505
C4502
P7704
GV
C7705
L4103
L4102
C4902
FA
P7706
C7720
C4180
C4136
P4501
C4138
L4101
P2004
P7709
RM
TV
A-MEN
LFa

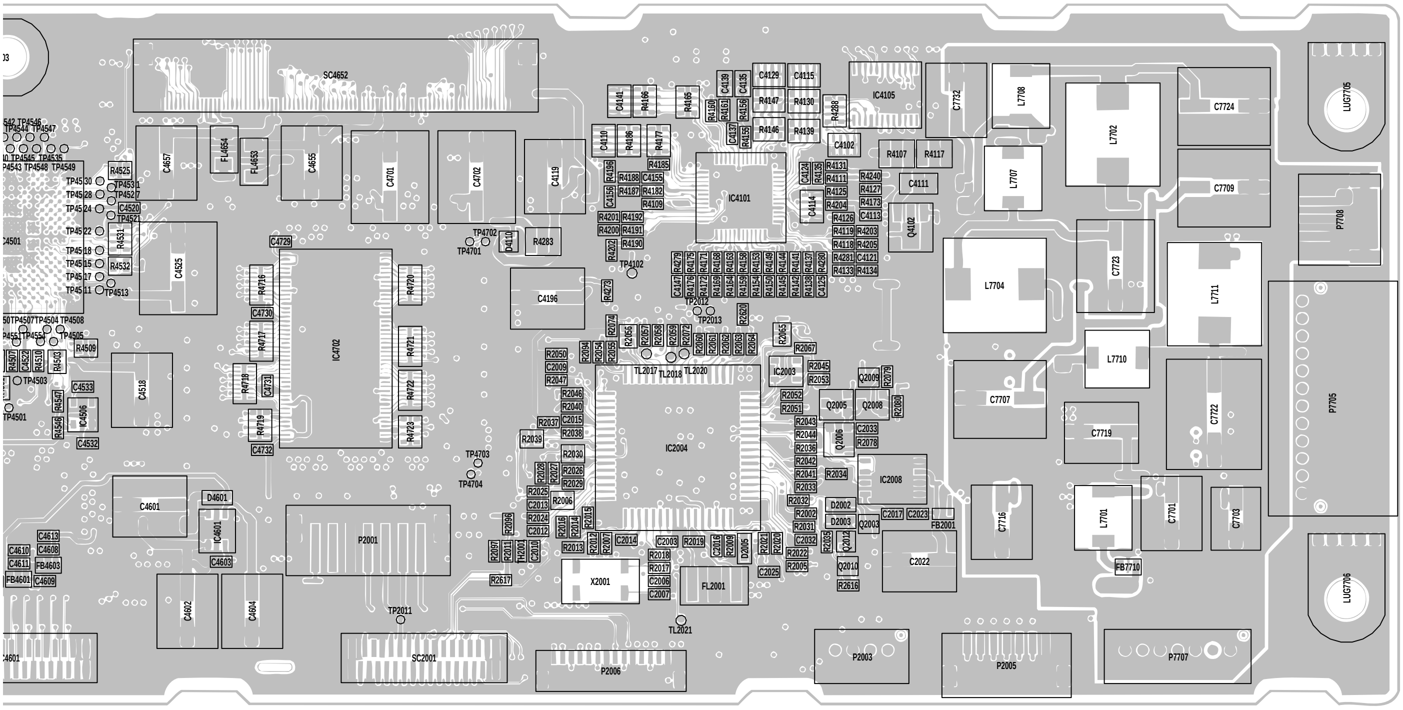
LCD CONTROL Unit (Side-A)


LUG7701
SC4651
LUG7703
TP4103
L7712
MARK2
C4159
C4177
C4653
FL4652
FL4651
C4651
TP4907
TP4906
TP4905
C4501
P2002
C7733
C7735
L7713
C4160
L4104
C4169
TP4104
C4933
R4915
C4934
R4916
IC4902
R4919
C4502
IC4501
P7704
C7736
R7750
C4146
L4106
L4109
C4901
TP4101
R7727
R7739
R7726
R7728
C7705
C4117
L4103
L4102
C4180
C4902
TP4901
TP4902
IC4505
P7706
C7720
MARK1
C4138
L4101
C4136
P4501
LUG7702
P2004
P7709
LUG7704
SC4601

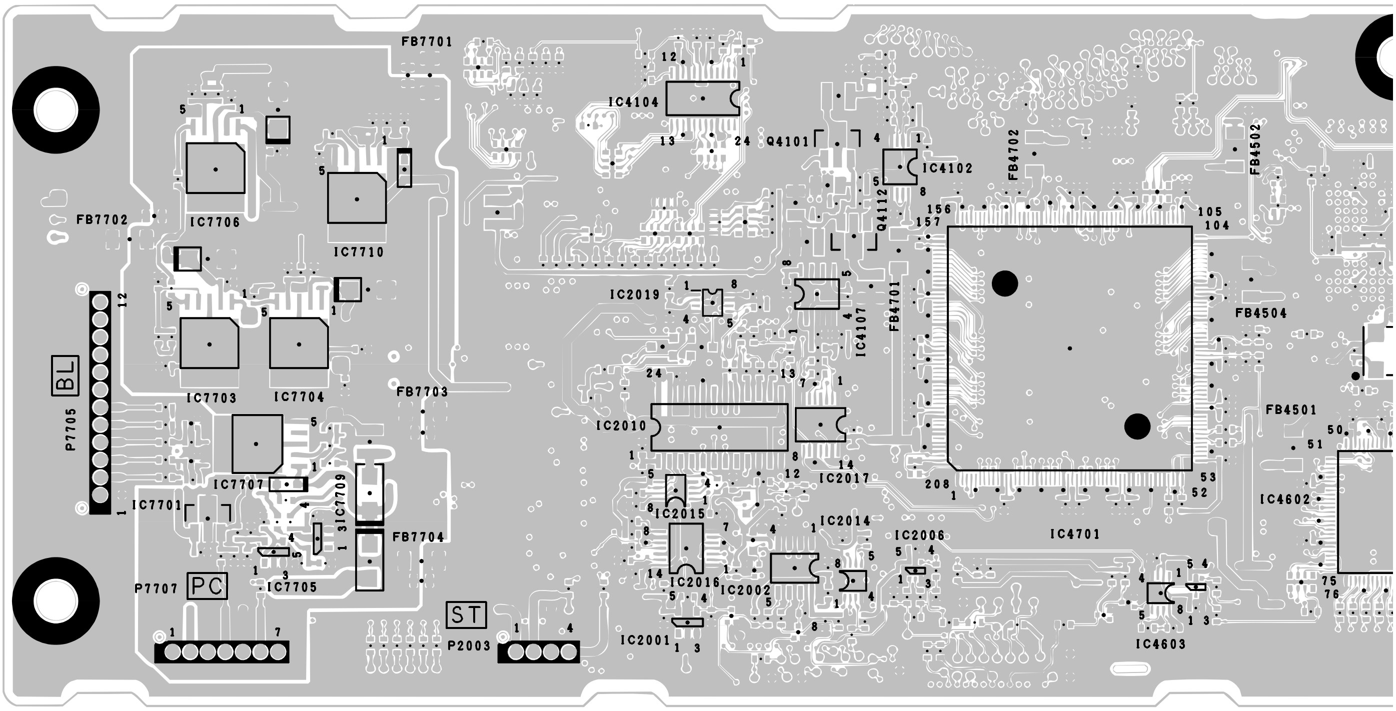
LCD CONTROL Unit (Chip Parts Side-A)

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

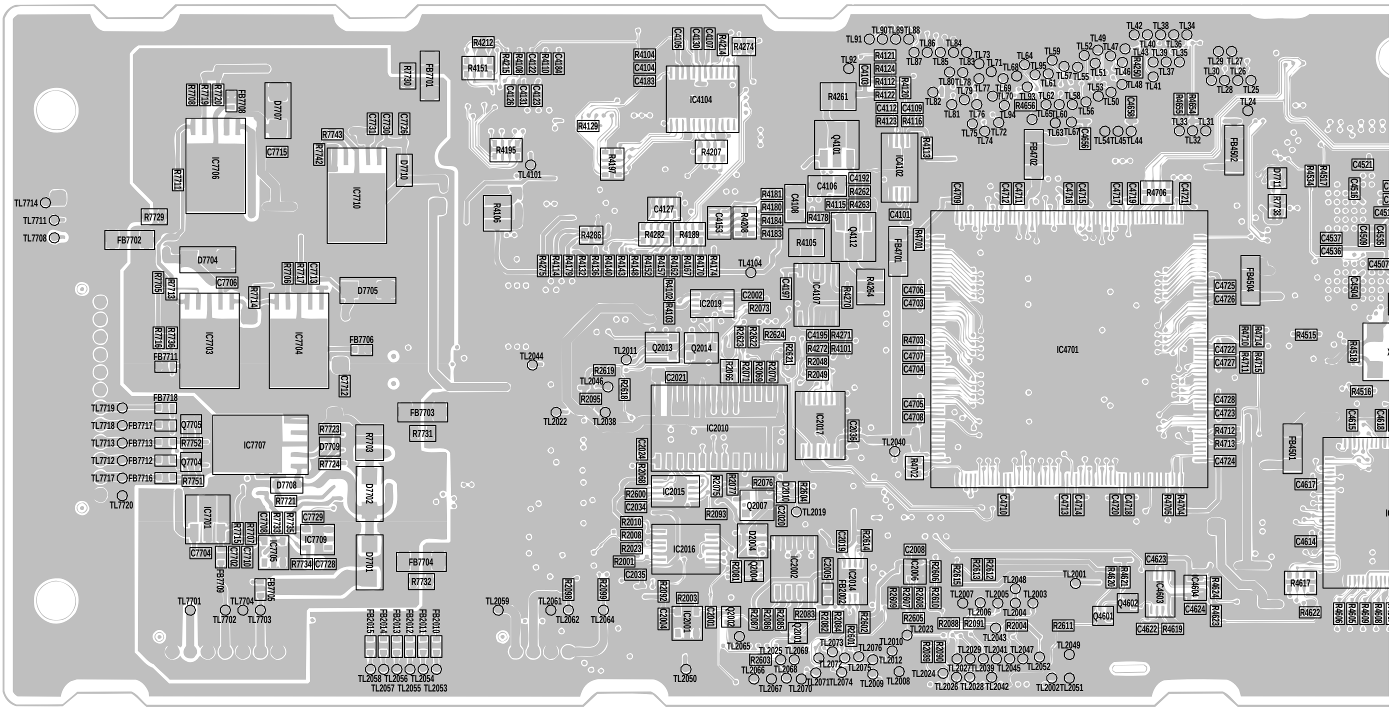

SC4652
IC4105
C7732
L7708
C7724
C4119
IC4101
L7707
L7702
P7708
FB
C4657
FL4654
FL4653
C4655
C4701
C4702
TP4702
TP4701
C4525
IC4501
TP4102
Q4102
C7709
C4518
C4196
TP2012
TP2013
TL2020
TL2018
TL2017
IC2003
L7704
C7723
L7710
L7711
IC4506
IC4702
IC2004
IC2008
C7707
C7722
C7716
C7719
C7703
TP4704
TP4703
C4601
IC4601
P2001
AD
X2001
FL2001
C2022
L7701
C7701
P7705
BL
TP2011
TC
SH
P2006
TL2021
ST
P2003
MC
P2005
PO
P7707
LV
C4602
C4604
SC4601
SC2001


SC4652
IC4105
C7732
L7708
C7724
LUG7705
C4129
C4115
C4657
FL4654
FL4653
C4655
C4701
C4702
C4119
IC4101
L7702
L7707
C7709
P7708
C4525
C4729
IC4702
C4196
Q4102
L7704
C7723
L7711
C4518
IC2004
IC2003
L7710
C7707
C7722
P7705
C7719
IC2008
C4601
D4601
IC4601
P2001
X2001
FL2001
C2022
C7716
L7701
C7701
C7703
FB7710
LUG7706
C4602
C4604
TP2011
TL2021
SC2001
P2006
P2003
P2005
P7707

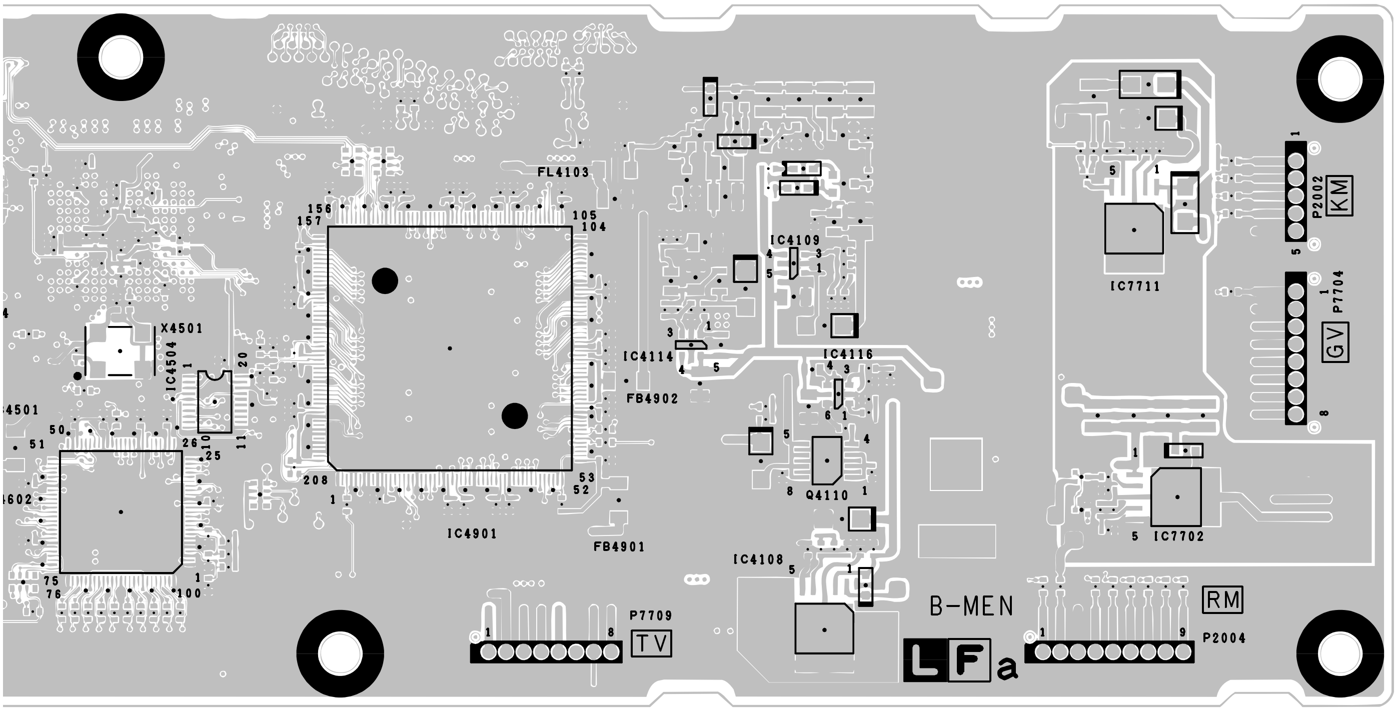
10	11	12	13	14	15	16	17	18	19

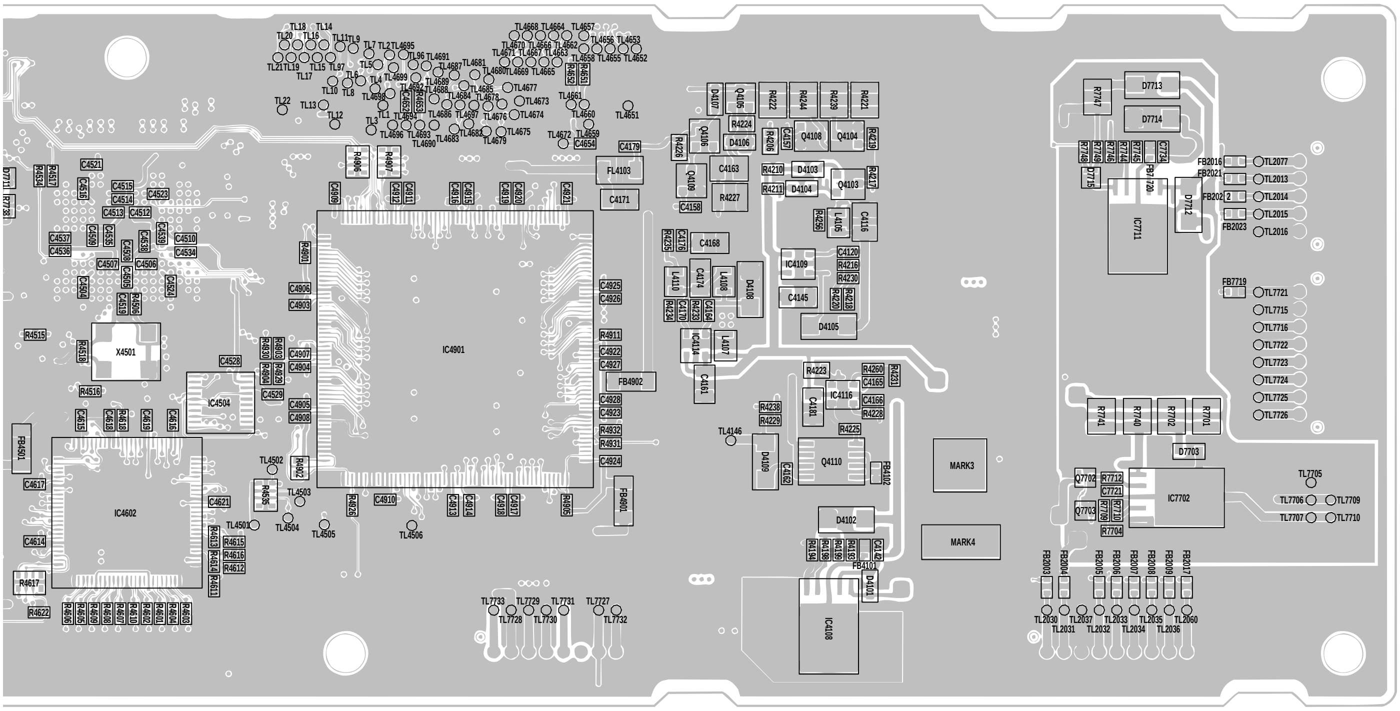

FB7701
FB7702
FB7703
FB7704
IC7706
IC7710
IC7703
IC7704
IC7707
IC7701
IC7709
IC7705
P7705
BL
P7707
PC
ST
P2003
IC4104
Q4101
IC4102
Q4112
IC2019
IC4107
FB4701
FB4702
IC2010
IC2017
IC2015
IC2014
IC2006
IC2016
IC2002
IC2001
IC4701
FB4502
FB4504
FB4501
IC4602
IC4603

LCD CONTROL Unit (Side-B)

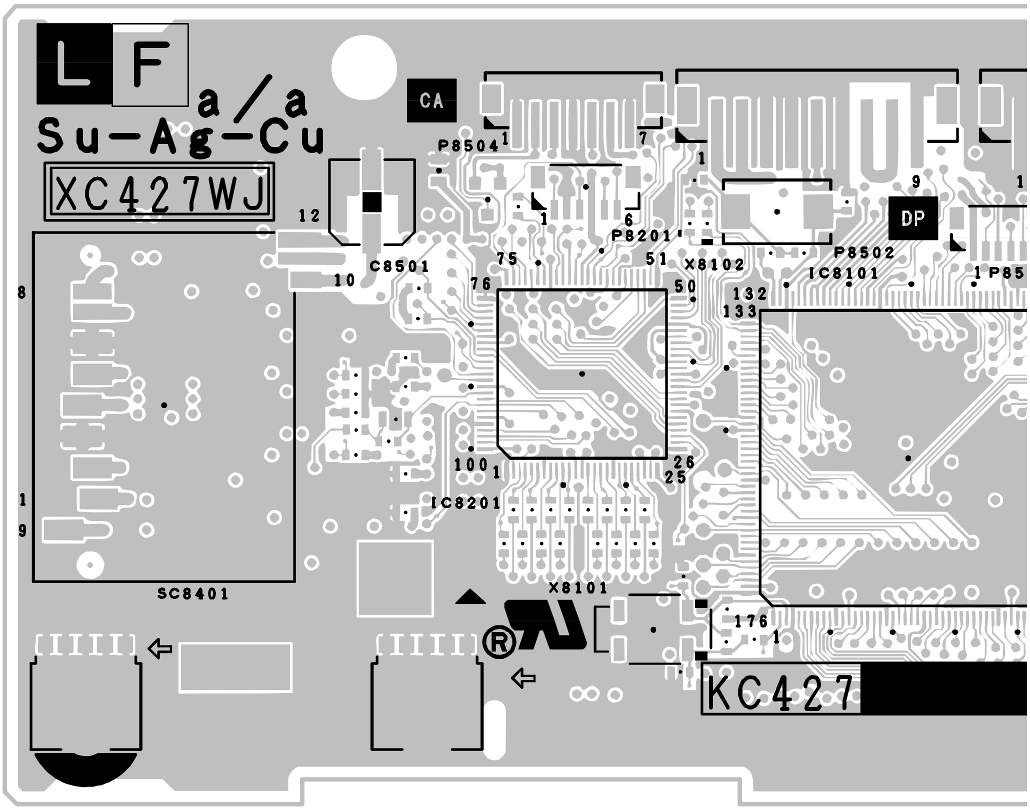

IC7706
IC7710
IC7703
IC7704
IC7707
IC7701
IC7709
D7707
D7710
D7704
D7705
D7708
D7702
D7701
FB7702
FB7703
FB7704
IC4104
IC4102
IC2019
IC4107
Q4101
Q4112
IC2010
IC2017
IC2015
IC2016
IC2002
Q2013
Q2014
Q2007
IC4701
FB4702
FB4701
FB4502
FB4504
FB4501
IC4603
Q4601
Q4602
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

LCD CONTROL Unit (Chip Parts Side-B)

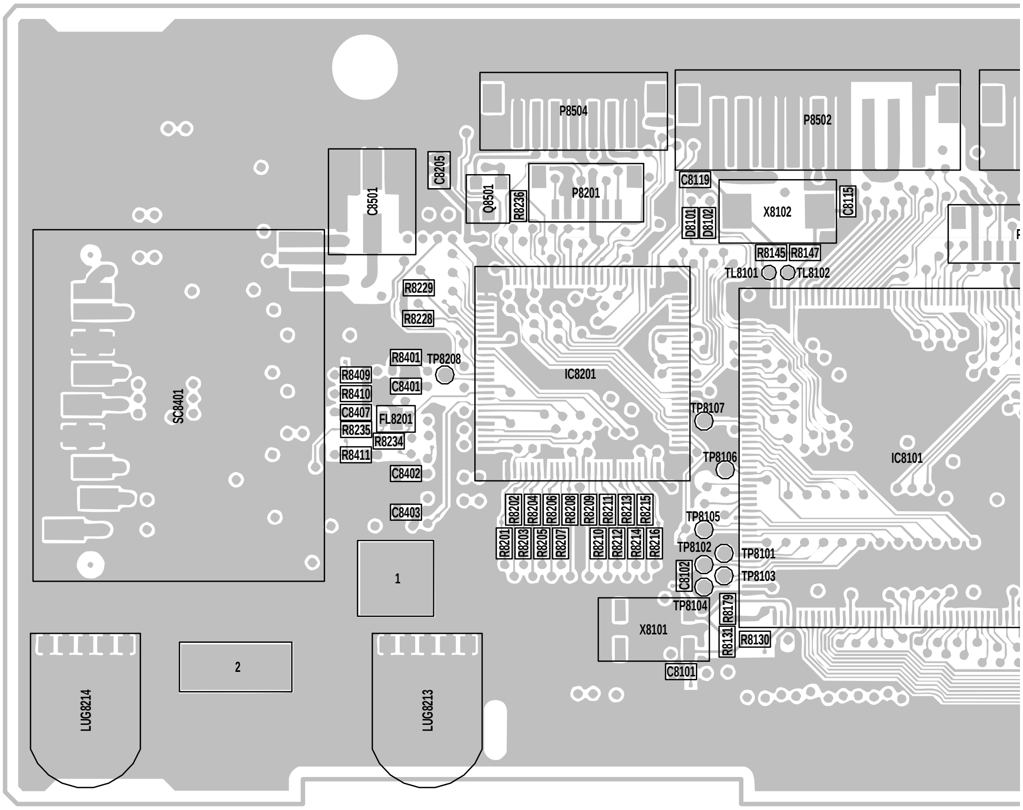

FL4103
156
157
105
104
IC4109
IC4114
IC4116
FB4902
X4501
IC4504
4501
4602
50
51
26
25
10
11
20
208
53
52
75
76
100
IC4901
FB4901
IC4108
Q4110
P7709
TV
B-MEN
RM
P2004
IC7711
P2002
KM
P7704
GV
IC7702
LFa


IC4901
IC4602
IC4504
X4501
FL4103
FB4902
FB4901
FB4501
IC4109
IC4114
IC4116
IC4108
Q4110
D4105
D4102
MARK3
MARK4
IC7711
IC7702
D7713
D7714
D7712
D7703

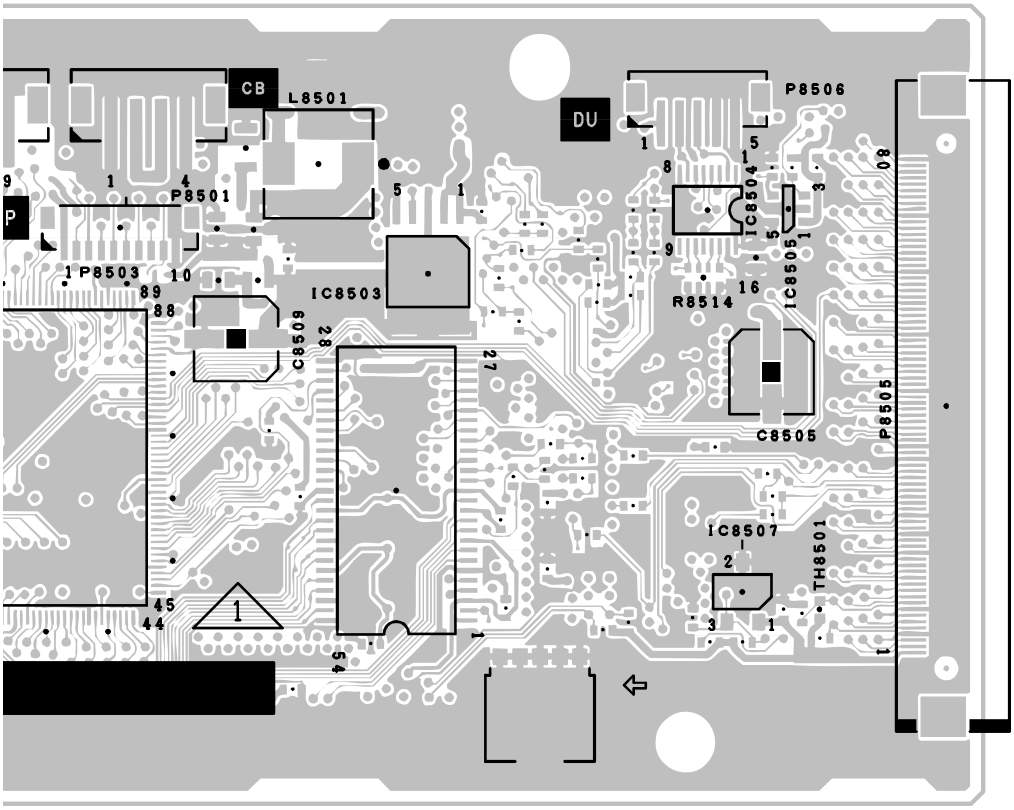
10	11	12	13	14	15	16	17	18	19

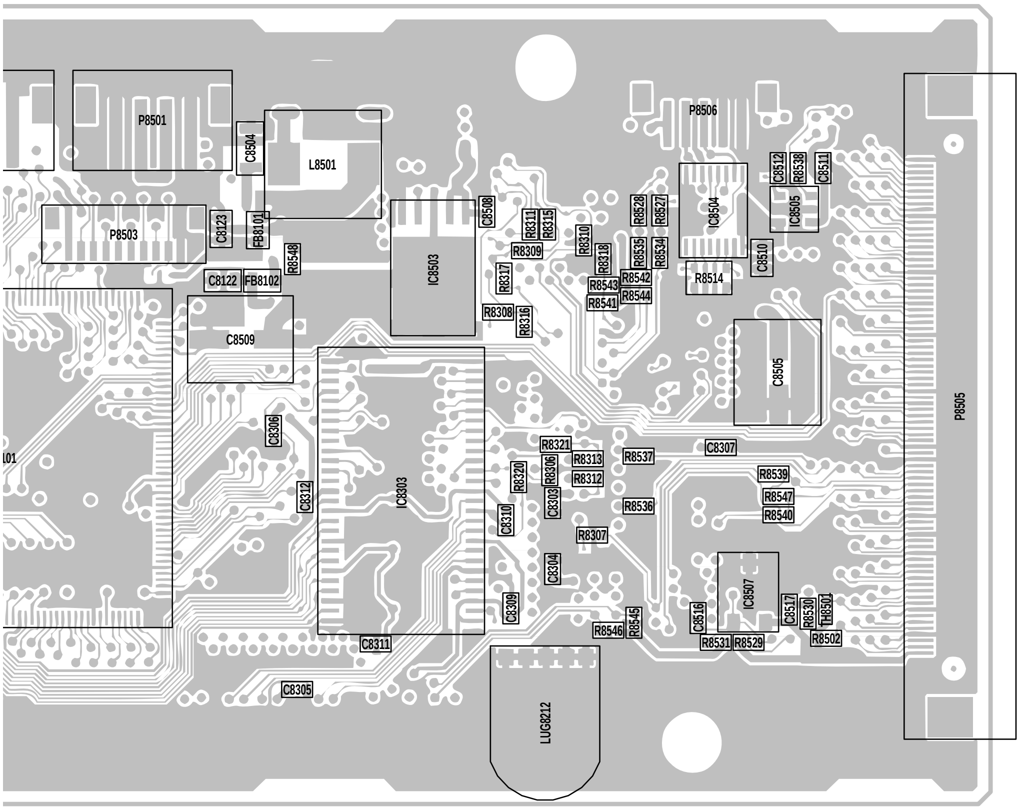

LF
a/a
Su-Ag-Cu
XC427WJ
CA
P8504
1
7
1
9
1
12
6
1
P8201
DP
C8501
10
75
51
X8102
P8502
IC8101
1 P85
76
50
132
133
8
G
100
1
26
25
IC8201
1
9
SC8401
X8101
176
1
KC427

CPU Unit (Side-A)

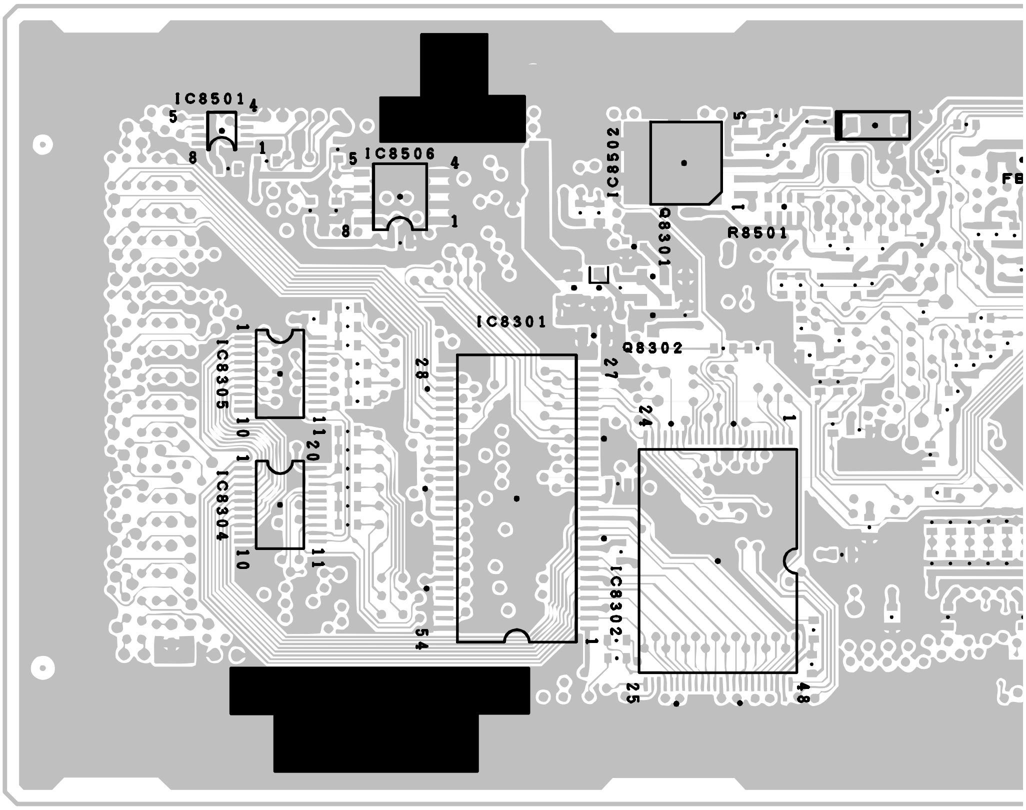

P8504
P8502
C8205
C8501
Q8501
R8236
P8201
C8119
X8102
C8115
D8101
D8102
R8145
R8147
TL8101
TL8102
R8229
R8228
R8401
TP8208
R8409
C8401
R8410
C8407
FL8201
R8235
R8234
R8411
SC8401
IC8201
TP8107
TP8106
IC8101
C8402
C8403
R8202
R8204
R8206
R8208
R8209
R8211
R8213
R8215
R8201
R8203
R8205
R8207
R8210
R8212
R8214
R8216
TP8105
TP8102
TP8101
TP8103
C8102
TP8104
R8179
1
X8101
R8131
R8130
C8101
2
LUG8214
LUG8213
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

CPU Unit (Chip Parts Side-A)

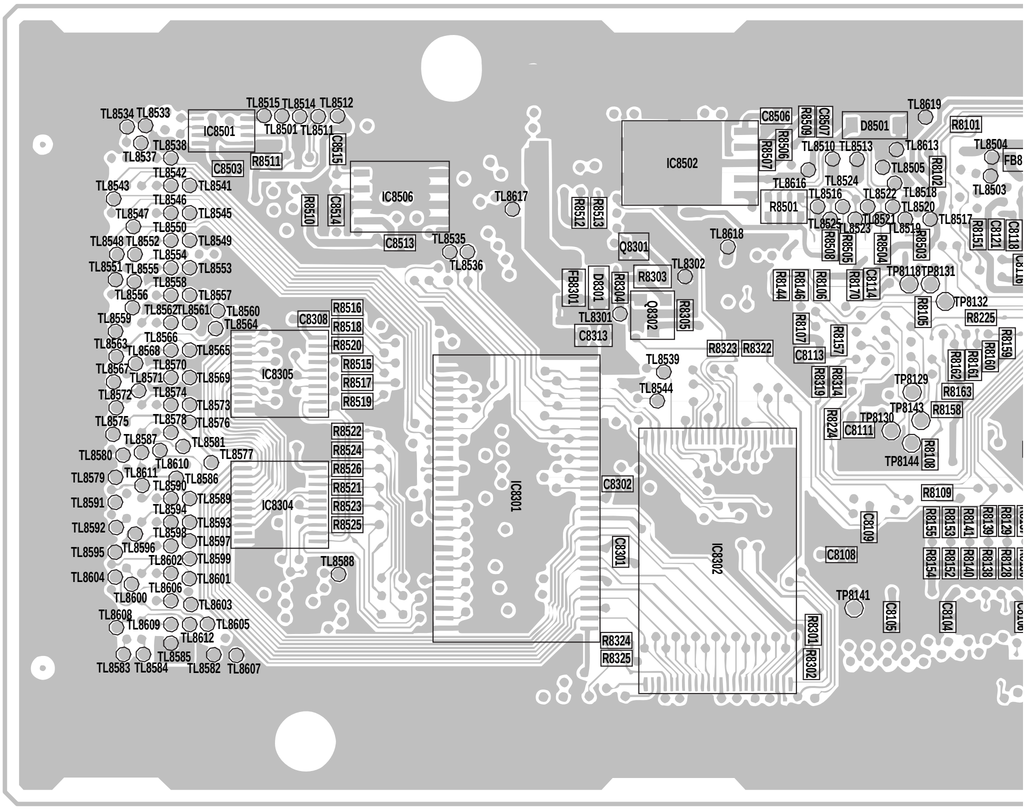

CB
L8501
DU
P8506
9
1
4
P8501
P
1 P8503
10
89
88
5
1
IC8503
C8509
28
27
8
9
1
5
IC8504
16
5
1
3
IC8505
R8514
C8505
80
P8505
IC8507
2
3
1
TH8501
45
44
1
54
1
1


P8501
C8504
L8501
P8506
C8512
R8538
C8511
P8503
C8123
FB8101
R8548
C8122
FB8102
C8508
R8311
R8315
R8310
R8528
R8527
IC8504
IC8505
R8309
R8318
R8535
R8534
C8510
IC8503
R8317
R8543
R8542
R8514
R8541
R8544
R8308
R8316
C8509
C8505
P8505
101
C8306
R8321
R8313
R8537
C8307
IC8303
R8320
R8306
R8312
R8539
C8312
R8547
R8536
R8540
C8303
C8310
R8307
C8304
C8507
C8309
R8546
R8545
C8516
C8517
R8530
TH8501
R8531
R8529
R8502
C8311
C8305
LUG8212

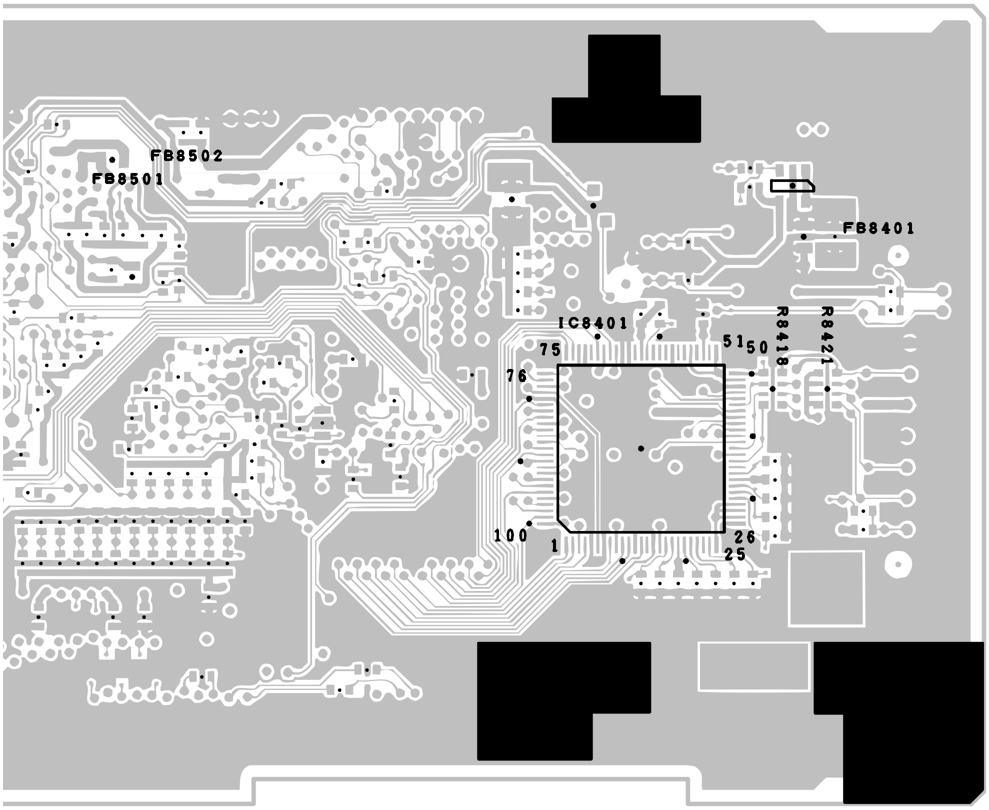
10	11	12	13	14	15	16	17	18	19

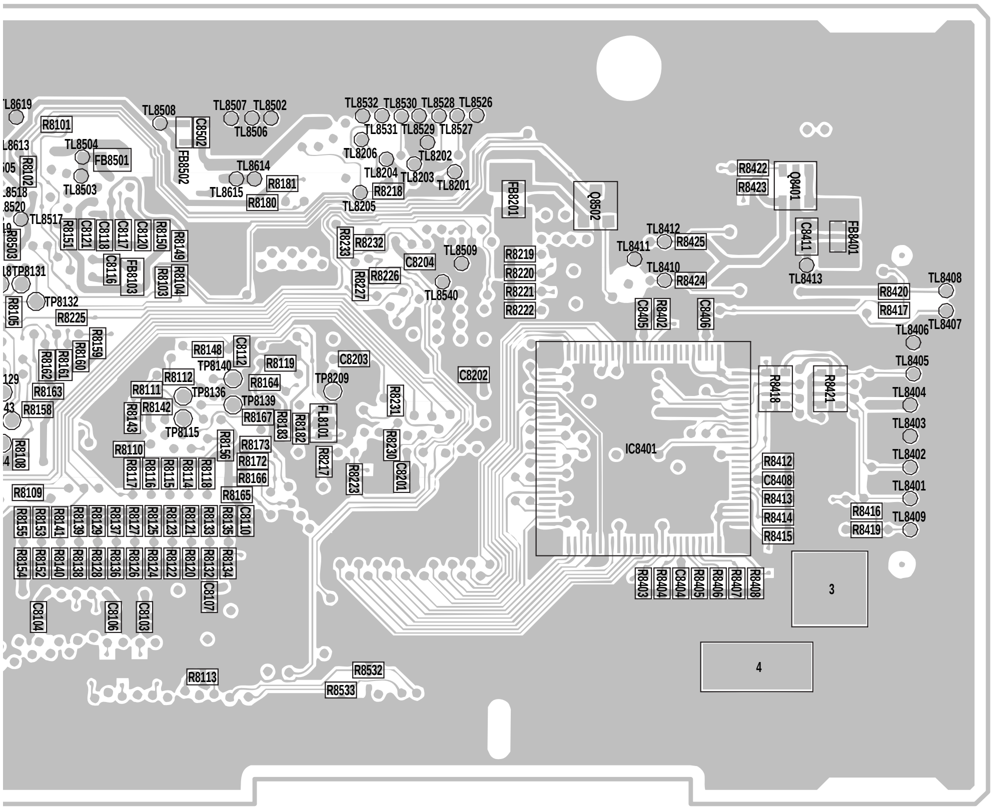

IC8501
IC8506
IC8502
Q8301
R8501
IC8301
Q8302
IC8305
IC8304
IC8302

CPU Unit (Side-B)

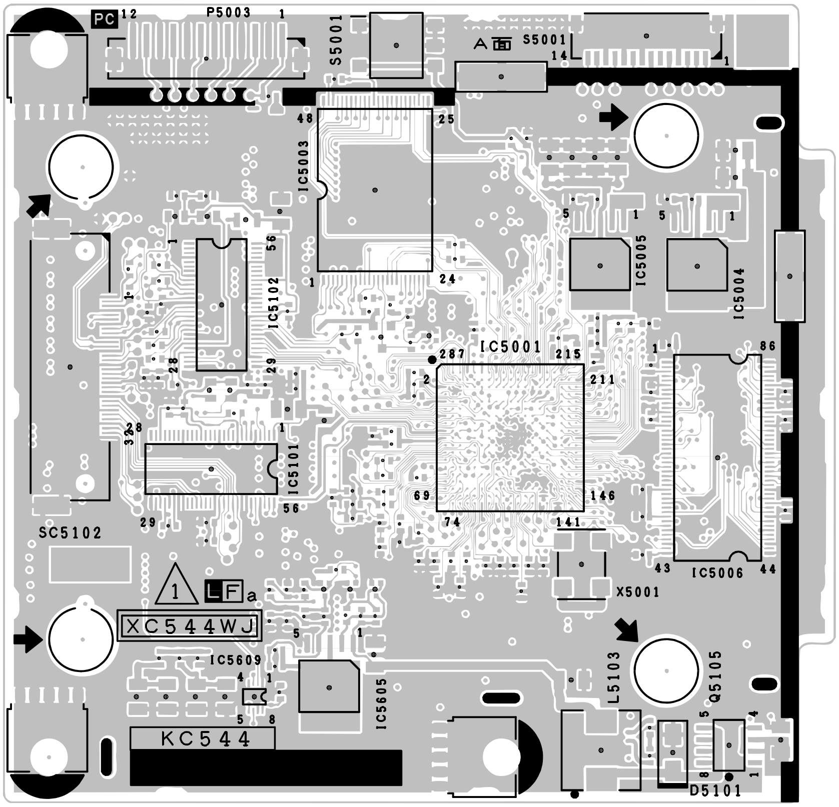

IC8501
IC8506
IC8502
IC8305
IC8304
IC8301
IC8302
Q8301
Q8302
D8501
D8301
FB8301
R8501
C8302
C8301
C8313
TL8301
TL8302
TL8617
TL8618
TL8619
TL8539
TL8544
TL8588
TP8141
TP8144

CPU Unit (Chip Parts Side-B)

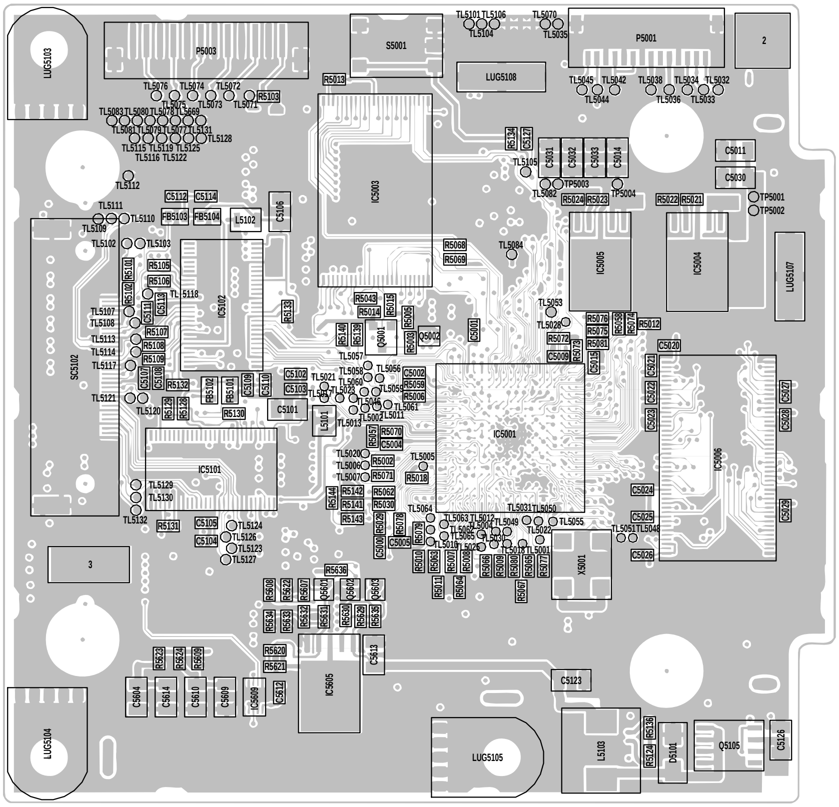

FB8502
FB8501
FB8401
IC8401
R8418
R8421
75
76
51
50
100
1
26
25


TL8619
R8101
TL8508
TL8507
TL8502
C8502
TL8506
TL8532
TL8530
TL8528
TL8526
TL8531
TL8529
TL8527
TL8613
TL8504
FB8501
R8102
FB8502
TL8614
TL8503
TL8615
R8181
R8180
TL8518
TL8520
TL8517
TL8206
TL8202
TL8204
TL8203
TL8201
R8218
TL8205
FB8201
Q8502
R8422
R8423
Q8401
C8411
FB8401
TL8412
TL8411
R8425
TL8413
R8151
C8121
C8118
C8117
C8120
R8150
R8149
R8503
C8116
FB8103
R8103
R8104
TP8131
R8233
R8232
C8204
TL8509
R8226
R8227
R8219
R8220
R8221
R8222
TL8410
R8424
TL8408
R8420
R8417
TL8407
TL8406
R8106
TP8132
R8225
TL8540
C8405
R8402
C8406
R8159
R8148
C8112
R8119
C8203
R8162
R8161
R8160
TP8140
R8112
R8164
TP8209
C8202
R8418
R8421
TL8405
TL8404
R8163
R8111
TP8136
R8158
R8143
R8142
TP8139
R8167
R8183
R8182
FL8101
R8231
TL8403
TP8115
R8156
R8173
R8230
IC8401
TL8402
R8108
R8110
R8172
R8217
R8223
C8201
R8412
C8408
TL8401
R8117
R8116
R8115
R8114
R8118
R8166
R8413
R8109
R8165
R8414
R8416
TL8409
R8155
R8153
R8141
R8139
R8129
R8137
R8127
R8125
R8123
R8121
R8133
R8135
C8110
R8415
R8419
R8154
R8152
R8140
R8138
R8128
R8136
R8126
R8124
R8122
R8120
R8132
R8134
R8403
R8404
C8404
R8405
R8406
R8407
R8408
C8107
3
C8104
C8106
C8103
4
R8113
R8532
R8533

10	11	12	13	14	15	16	17	18	19


PC
12
P5003
1
S5001
14
1
48
25
IC5003
24
56
IC5102
1
28
29
IC5001
287
215
2
211
69
146
74
141
IC5005
IC5004
IC5006
1
86
43
44
28
32
IC5101
56
29
SC5102
1
LF
a
XC544WJ
IC5609
4
1
5
8
5
1
IC5605
KC544
X5001
L5103
Q5105
5
4
8
1
D5101

PC CARD Unit (Side-A)


LUG5103
P5003
S5001
LUG5108
P5001
2
IC5003
IC5005
IC5004
LUG5107
IC5102
SC5102
IC5101
IC5001
IC5006
X5001
3
IC5605
LUG5104
LUG5105
L5103
D5101
Q5105
C5126
C5123

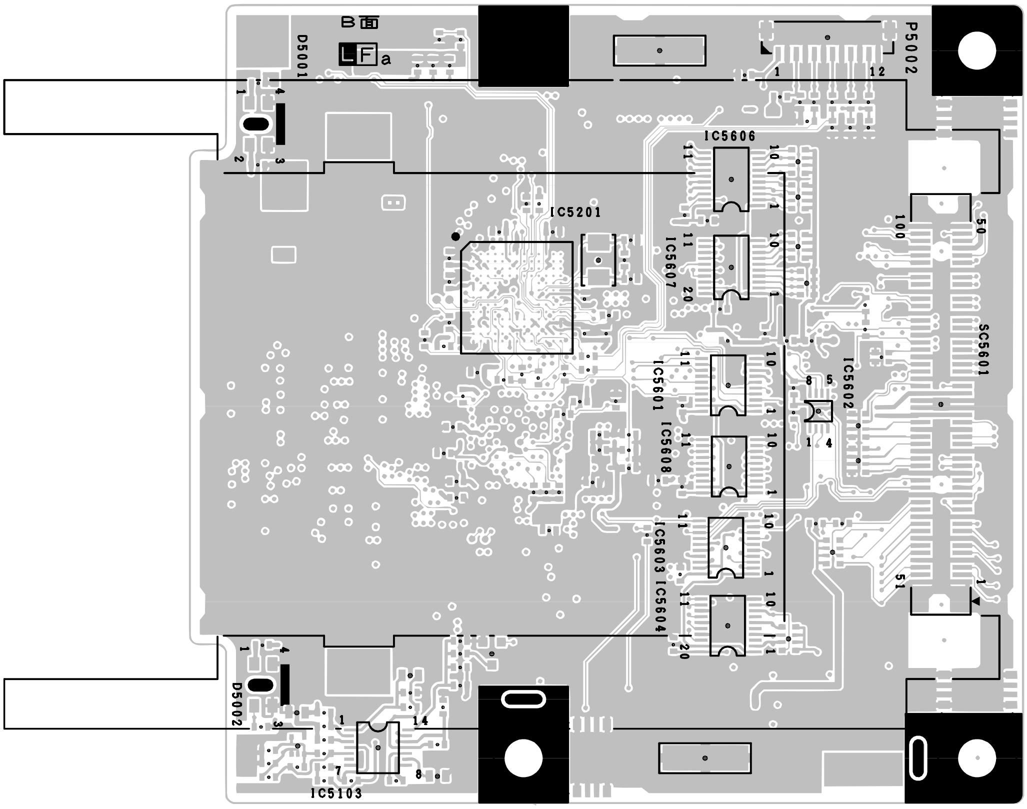
PC CARD Unit (Chip Parts Side-A)

H

G

F

E


D5001
P5002
1
12
IC5606
IC5201
IC5607
IC5601
IC5602
IC5608
IC5603
IC5604
SC5601
100
50
51
1
D5002
IC5103
14
7
8

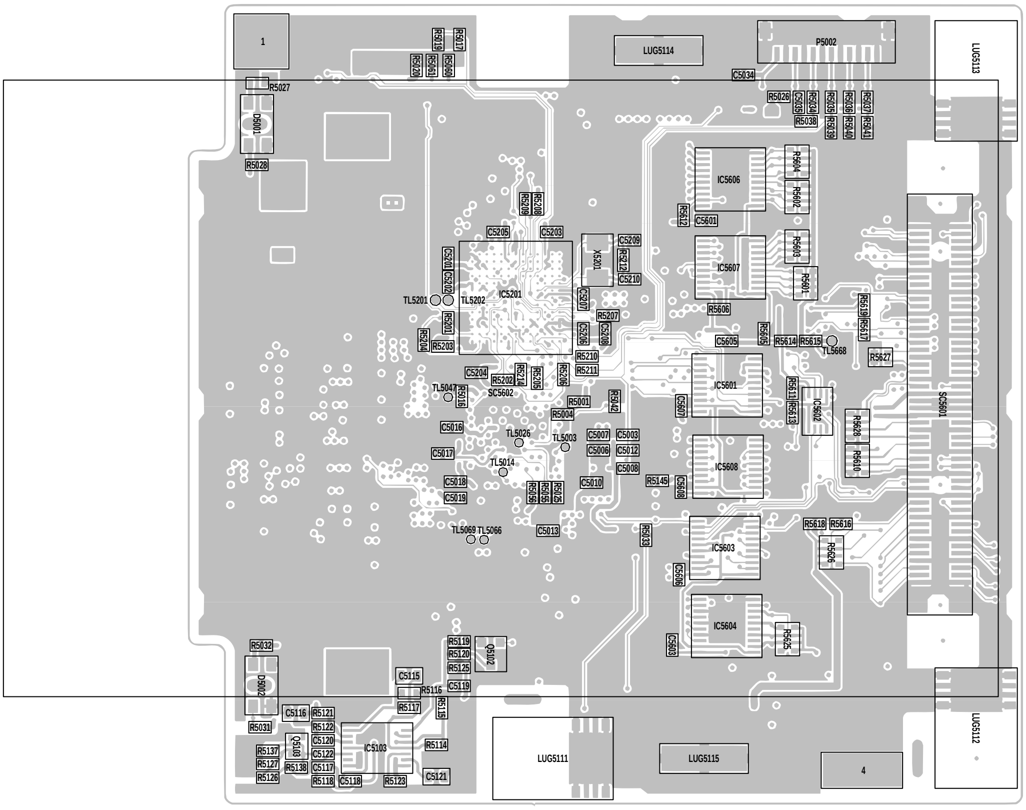
PC CARD Unit (Side-B)

D

C

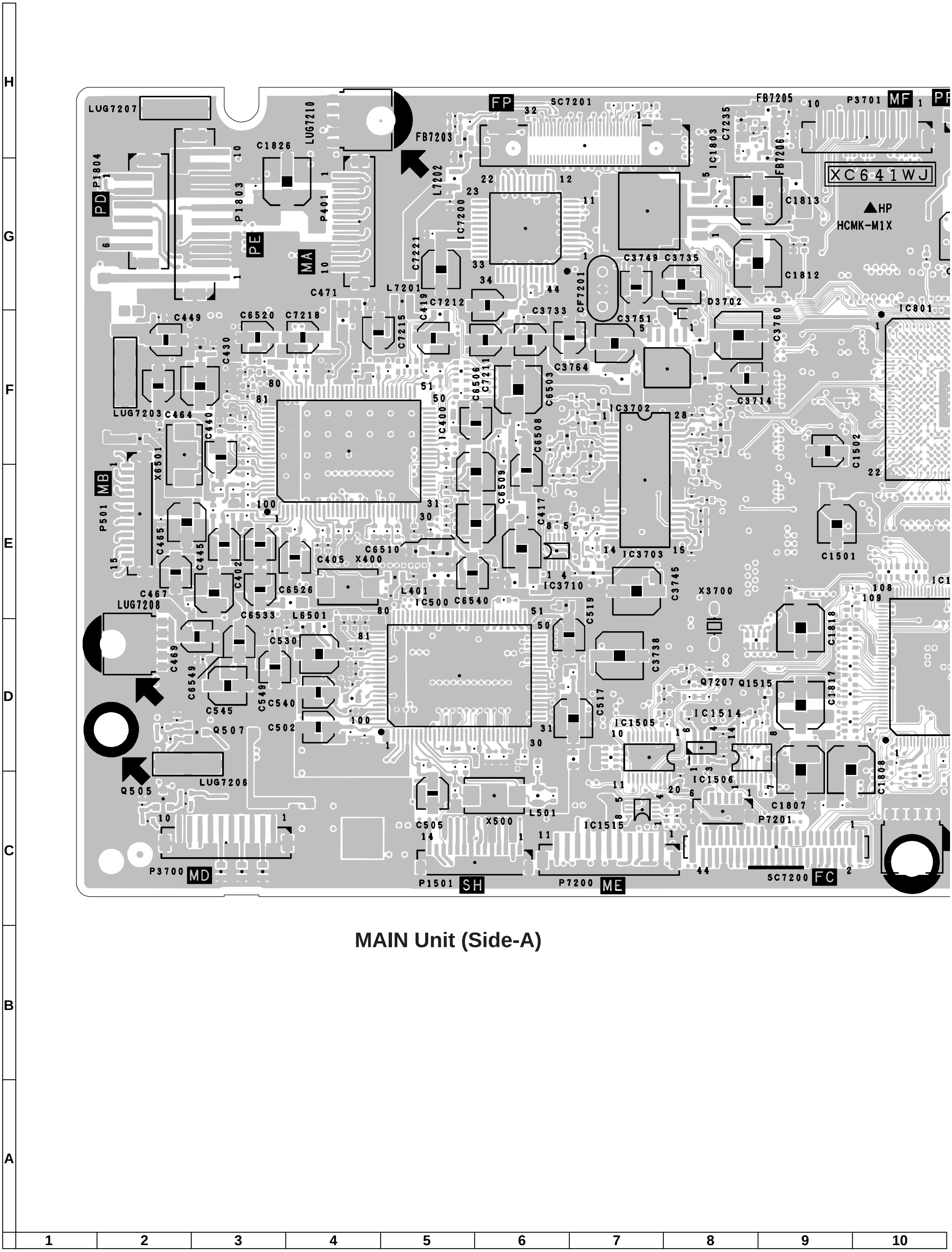
B

A

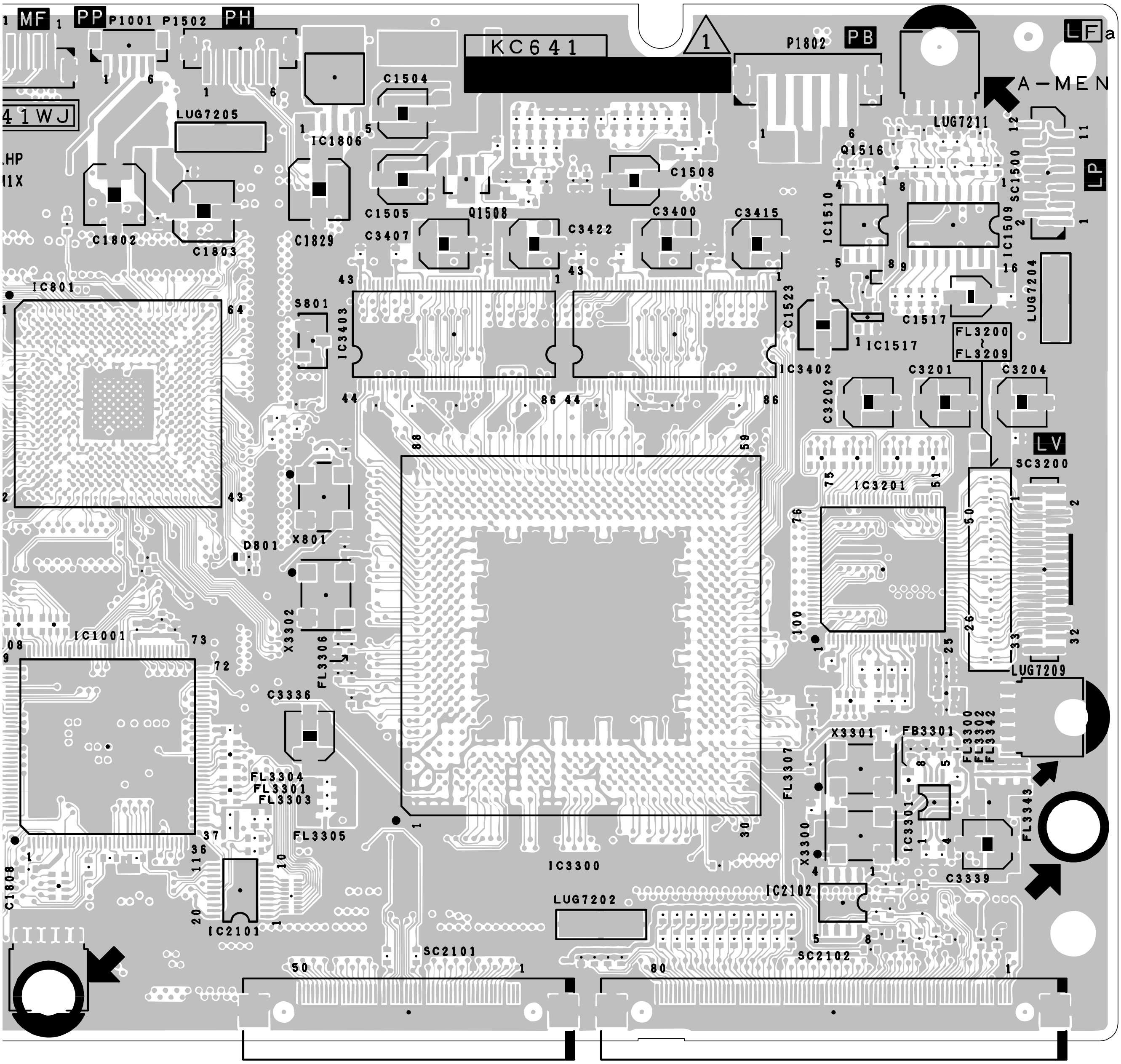

P5002
LUG5114
LUG5113
LUG5111
LUG5115
LUG5112
R5027
D5001
R5028
IC5606
IC5607
IC5201
X5201
IC5601
IC5602
IC5608
IC5603
IC5604
SC5601
SC5602
TL5201
TL5202
TL5668
TL5047
TL5026
TL5003
TL5014
TL5069
TL5066
R5032
D5002
Q5102
Q5103
IC5103
R5031
C5115
C5116
C5121
R5123

PC CARD Unit (Chip Parts Side-B)

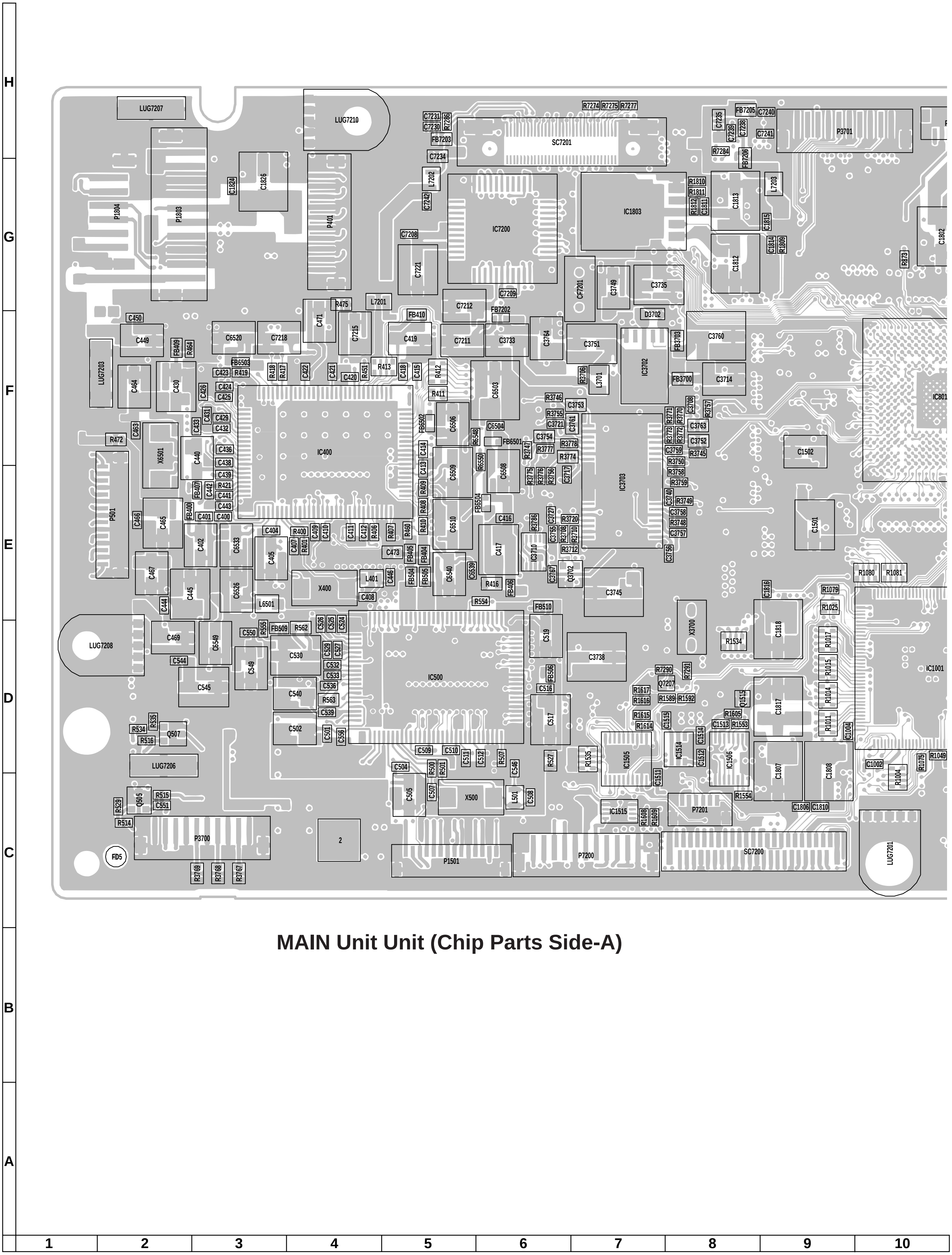
1 2 3 4 5 6


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
LUG7207
LUG7210
C1826
FB7203
FP
SC7201
32
1
FB7205
10
P3701
MF
1
PP
C7235
IC1803
FB7206
P1804
PD
P1803
PE
P401
MA
L7202
IC7200
22
23
12
11
XC641WJ
HP
HCMK-M1X
C1813
C1812
C7221
L7201
C471
33
34
44
CF7201
C3749
C3735
D3702
C7212
C419
C3733
C3751
C3760
IC801
C449
C6520
C7218
C430
C7215
C3764
C6506
C7211
C6503
C3714
LUG7203
C464
C440
X6501
80
81
51
50
IC400
IC3702
28
C6508
C1502
MB
P501
C6509
C417
100
31
30
C1501
C465
C445
C402
C6510
C405
X400
IC3703
14
15
IC3710
C3745
X3700
108
109
C467
LUG7208
C6526
C6533
L6501
L401
IC500
C6540
C519
C530
C469
C6549
C549
C540
C545
C502
C3738
Q7207
Q1515
C1818
C1817
C517
IC1505
IC1514
Q507
Q505
LUG7206
C505
X500
L501
IC1506
C1807
C1808
P7201
IC1515
P3700
MD
P1501
SH
P7200
ME
SC7200
FC

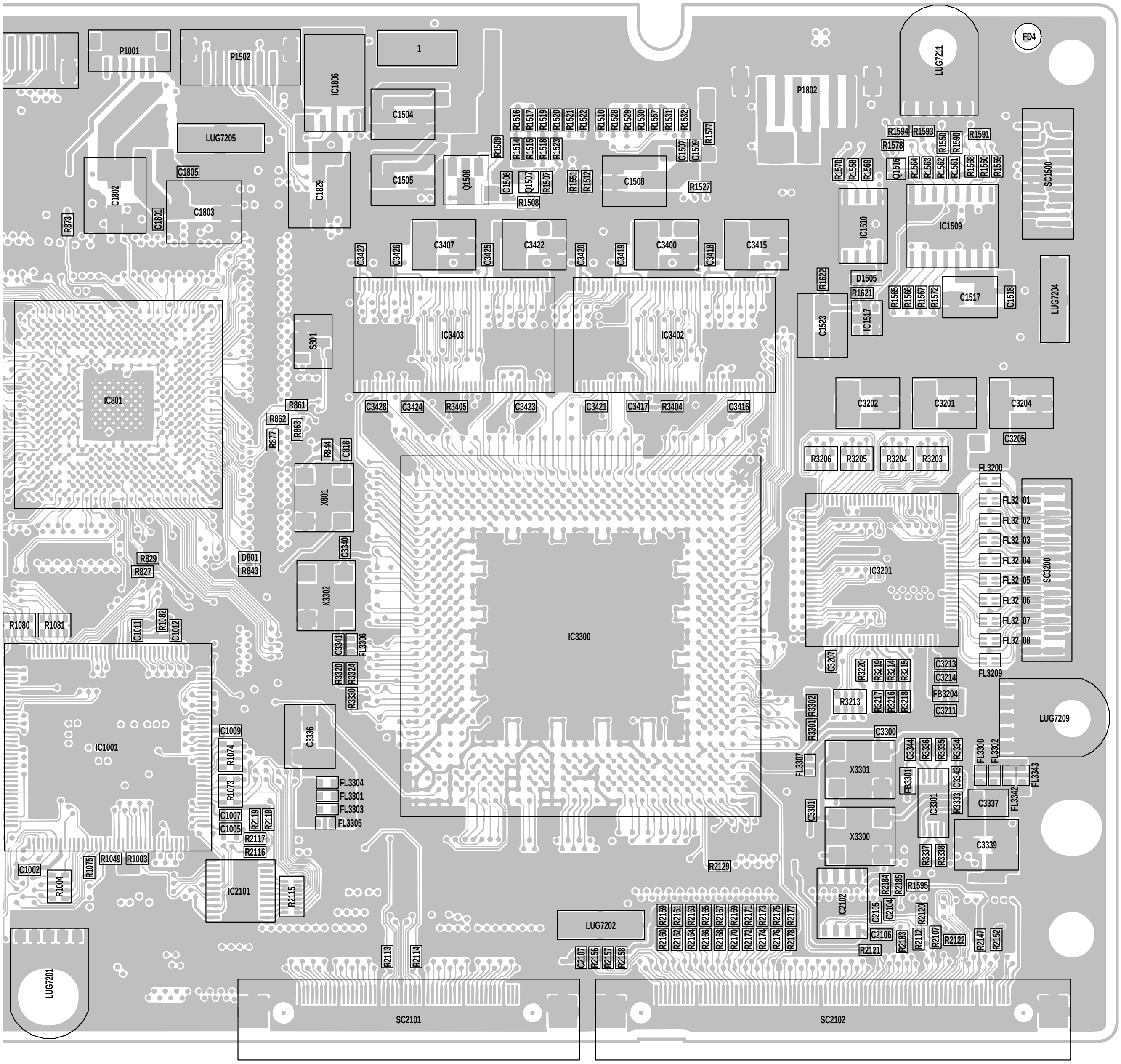
MAIN Unit (Side-A)


MF
PP
P1001
P1502
PH
KC641
1
P1802
PB
LF
a
A–MEN
LP
41WJ
LUG7205
C1504
IC1806
LUG7211
Q1516
C1508
C1802
C1803
C1829
C1505
Q1508
C3407
C3422
C3400
C3415
IC1510
IC1509
SC1500
LUG7204
IC801
S801
IC3403
C1523
C1517
IC1517
FL3200
~
FL3209
IC3402
C3202
C3201
C3204
LV
SC3200
IC3201
D801
X801
X3302
FL3306
IC1001
C3336
FL3304
FL3301
FL3303
FL3305
LUG7209
X3301
FB3301
FL3300
FL3302
FL3342
FL3307
IC3301
X3300
FL3343
C3339
IC3300
IC2102
LUG7202
C1808
IC2101
SC2101
SC2102

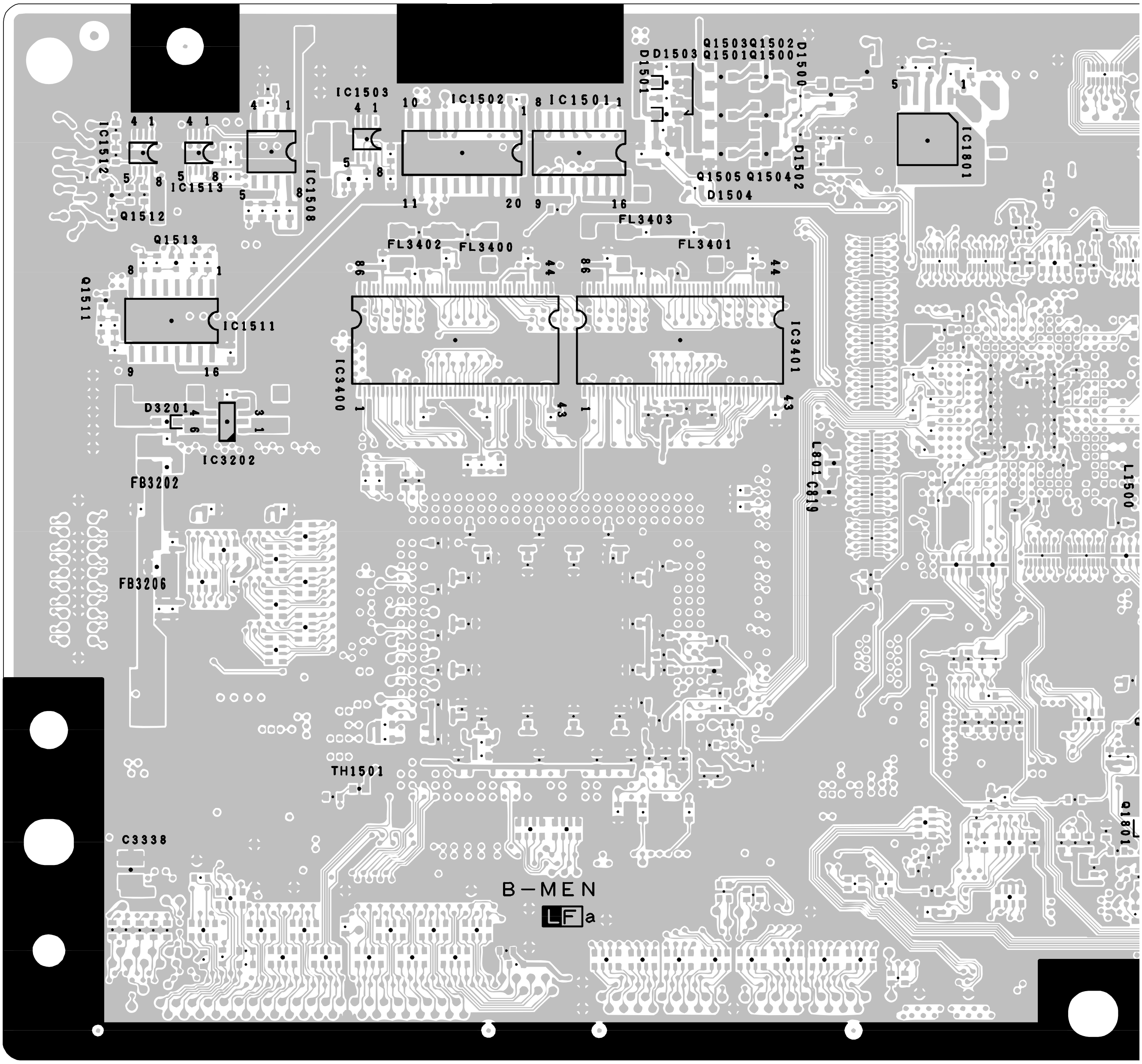
10	11	12	13	14	15	16	17	18	19


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
LUG7207
LUG7210
C7231
C7230
R7286
FB7203
C7234
SC7201
R7274
R7275
R7277
C7235
FB7205
C7240
C7239
C7238
C7241
P3701
R7284
FB7206
C1824
C1826
P1804
P1803
P401
L7202
C7242
IC7200
IC1803
R1810
R1811
R1812
C1811
C1813
L7203
C1815
C1814
R1809
C1812
C1802
R873
C7208
C7221
CF7201
C3749
C3735
C7209
C7212
FB7202
R475
L7201
C471
C7215
FB410
C419
C7211
C3733
C3764
C3751
IC3702
D3702
FB3703
C3760
C450
C449
FB409
R464
C6520
C7218
FB6503
C423
R419
R418
R417
C422
C421
C420
R451
R413
C418
C415
R412
R411
C6503
R3706
L3701
FB3700
C3714
IC801
LUG7203
C464
C430
C426
C424
C425
C431
C429
C432
C433
R3746
C3753
R3755
C3721
C3761
R3771
R3770
C3708
R3757
C3763
R472
C463
X6501
C440
C436
C438
C439
FB407
C442
R421
C441
C443
IC400
FB6502
C6506
C6504
R6548
FB6501
C3754
R3747
R3777
R3778
R3774
R3773
R3772
C3759
C3752
R3745
C1502
R3750
R3758
R3759
C414
C413
C6509
R6550
C6508
R3775
R3776
R3756
C3717
IC3703
P501
C466
C465
FB400
C401
C400
R409
R408
FB6504
C416
C3740
R3749
C3758
R3748
C3757
C1501
C404
R400
C409
C410
C411
C412
R406
R407
R460
R410
C6510
R3786
C3727
R3720
C402
C6533
C407
R401
C405
C473
FB405
FB404
C417
IC3710
C3755
R3708
R3710
R3712
C3756
C467
C445
C6526
X400
L401
C446
FB504
FB505
C6540
C6539
R416
FB406
C3767
Q3702
C3745
R1080
R1081
C444
L6501
C408
R554
FB510
C1816
R1079
R1025
LUG7208
C469
C6549
C550
R555
FB509
R562
C526
C525
C524
C519
C3738
X3700
R1534
C1818
R1017
C544
C549
C530
C529
C527
C532
C533
IC500
FB506
R7290
R7291
Q7207
R1015
IC1001
C545
C540
C536
C516
R1617
R1616
R1589
R1592
Q1515
R1014
R563
C539
C517
R1615
R1614
C1515
R1605
C1817
R534
R535
Q507
R516
C502
C501
C556
C1513
R1553
R1011
C1004
LUG7206
C509
C510
C511
C512
R507
C504
R500
R501
C546
R527
R1535
IC1505
IC1514
C1514
C1512
IC1506
C1807
C1808
C1002
R1075
R1049
R1004
C1511
R529
Q505
R515
C551
C505
C507
X500
L501
C508
IC1515
R1608
R1609
P7201
R1554
C1806
C1810
R514
P3700
2
P7200
SC7200
LUG7201
FD5
P1501
R3769
R3768
R3767

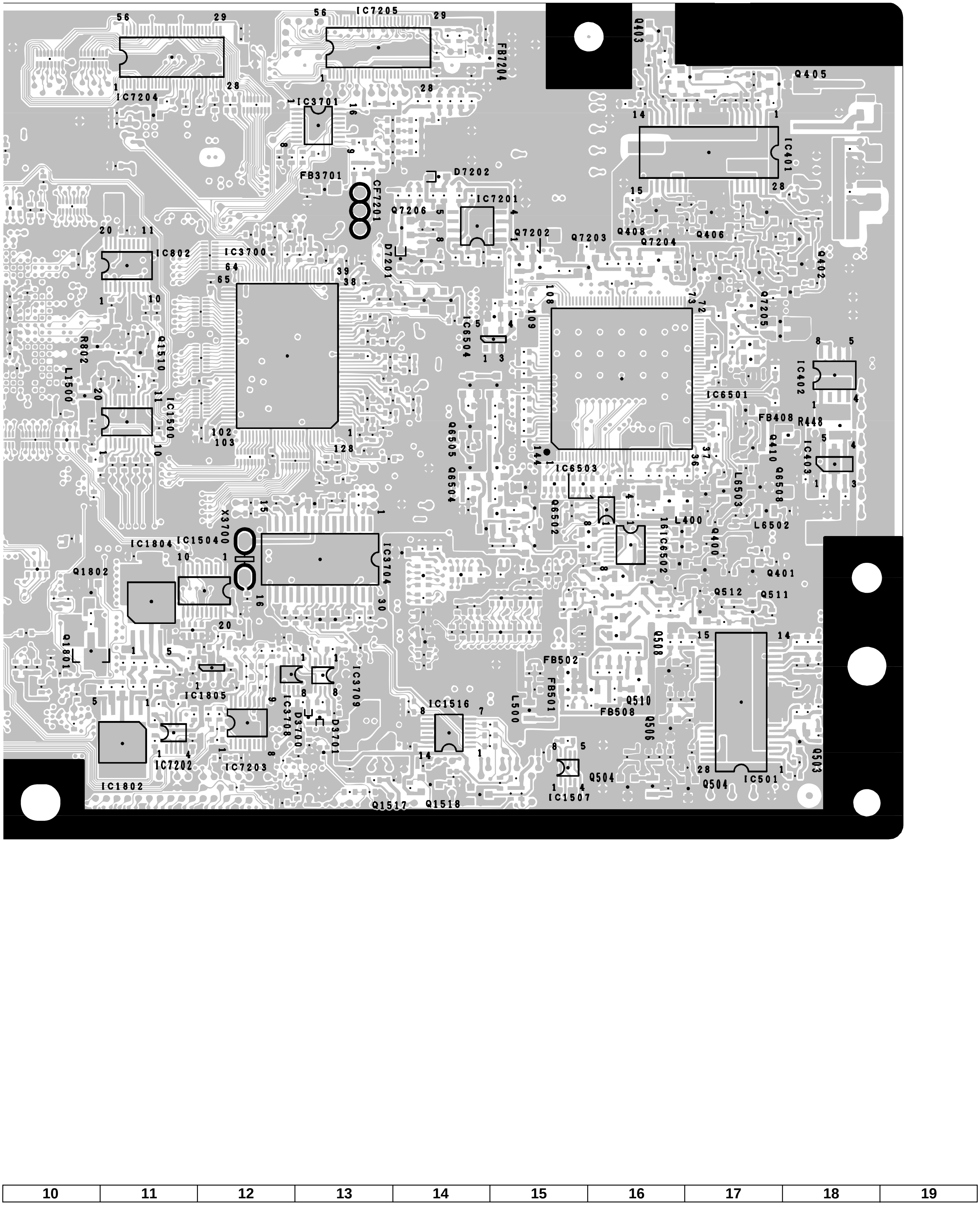
MAIN Unit Unit (Chip Parts Side-A)

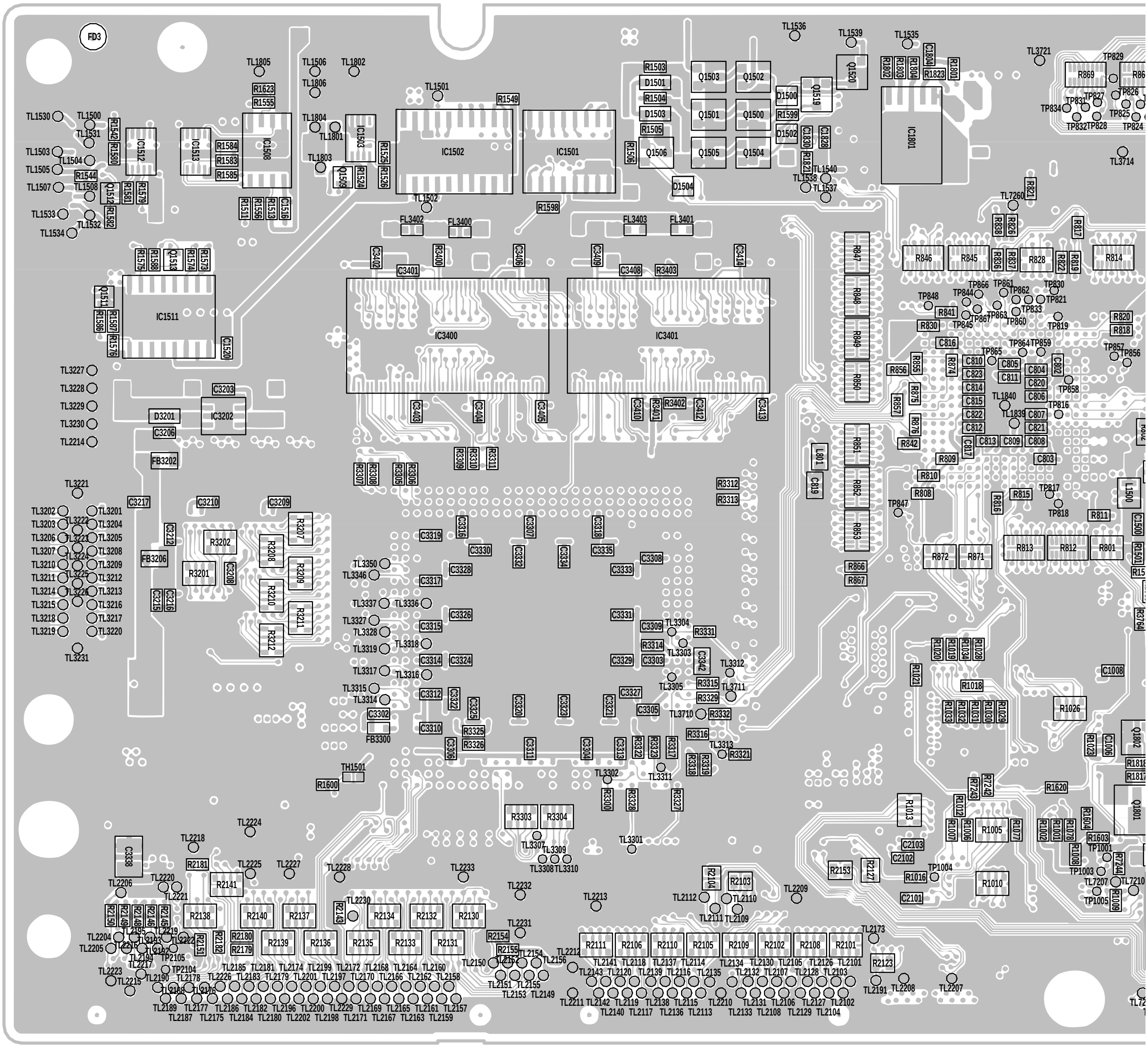

P1001
P1502
IC1806
1
FD4
LUG7211
P1802
C1504
LUG7205
R1516
R1517
R1519
R1520
R1521
R1522
R1510
R1528
R1529
R1530
R1557
R1531
R1532
R1577
R1514
R1515
R1518
R1523
R1509
R1594
R1593
R1578
R1590
R1591
R1592
C1805
C1802
C1801
C1803
C1829
C1505
Q1508
C1506
Q1507
R1507
R1551
R1512
C1508
C1507
C1509
R1527
R1508
R1570
R1558
R1569
Q1510
R1564
R1563
R1562
R1561
R1568
R1560
R1559
SC1500
R873
IC1510
IC1509
C3427
C3426
C3407
C3425
C3422
C3420
C3419
C3400
C3418
C3415
R1622
D1505
R1621
R1565
R1566
R1567
R1572
C1517
C1518
LUG7204
IC3403
IC3402
C1523
IC1517
S801
IC801
R861
R862
R863
R877
C3428
C3424
R3405
C3423
C3421
C3417
R3404
C3416
C3202
C3201
C3204
C3205
R844
C818
X801
R3206
R3205
R3204
R3203
FL3200
FL3201
FL3202
FL3203
FL3204
FL3205
FL3206
FL3207
FL3208
FL3209
SC3200
IC3201
C3340
R829
R827
D801
R843
X3302
IC3300
R1080
R1081
C1011
R1082
C1012
C3341
FL3306
R3320
R3324
R3330
C3207
R3220
R3219
R3214
R3215
C3213
C3214
FB3204
C3211
R3213
R3217
R3216
R3218
R3302
R3301
C3300
LUG7209
IC1001
C1009
R1074
R1073
C3336
FL3304
FL3301
FL3303
FL3305
C3344
R3336
R3335
R3334
FL3300
FL3302
FL3307
X3301
FB3301
C3343
FL3343
FL3342
IC3301
R3333
C3337
C3301
X3300
C3339
R3337
R3338
C1007
C1005
R2119
R2118
R2117
R2116
C1002
R1075
R1049
R1003
R1004
IC2101
R2115
R2129
IC2102
R2184
R2185
R1595
C2105
C2104
R2120
C2106
R2121
R2183
R2112
R2107
R2122
R2147
R2152
LUG7202
R2159
R2161
R2163
R2165
R2167
R2169
R2171
R2173
R2175
R2177
R2160
R2162
R2164
R2166
R2168
R2170
R2172
R2174
R2176
R2178
C2107
R2156
R2157
R2158
R2113
R2114
LUG7201
SC2101
SC2102

10	11	12	13	14	15	16	17	18	19

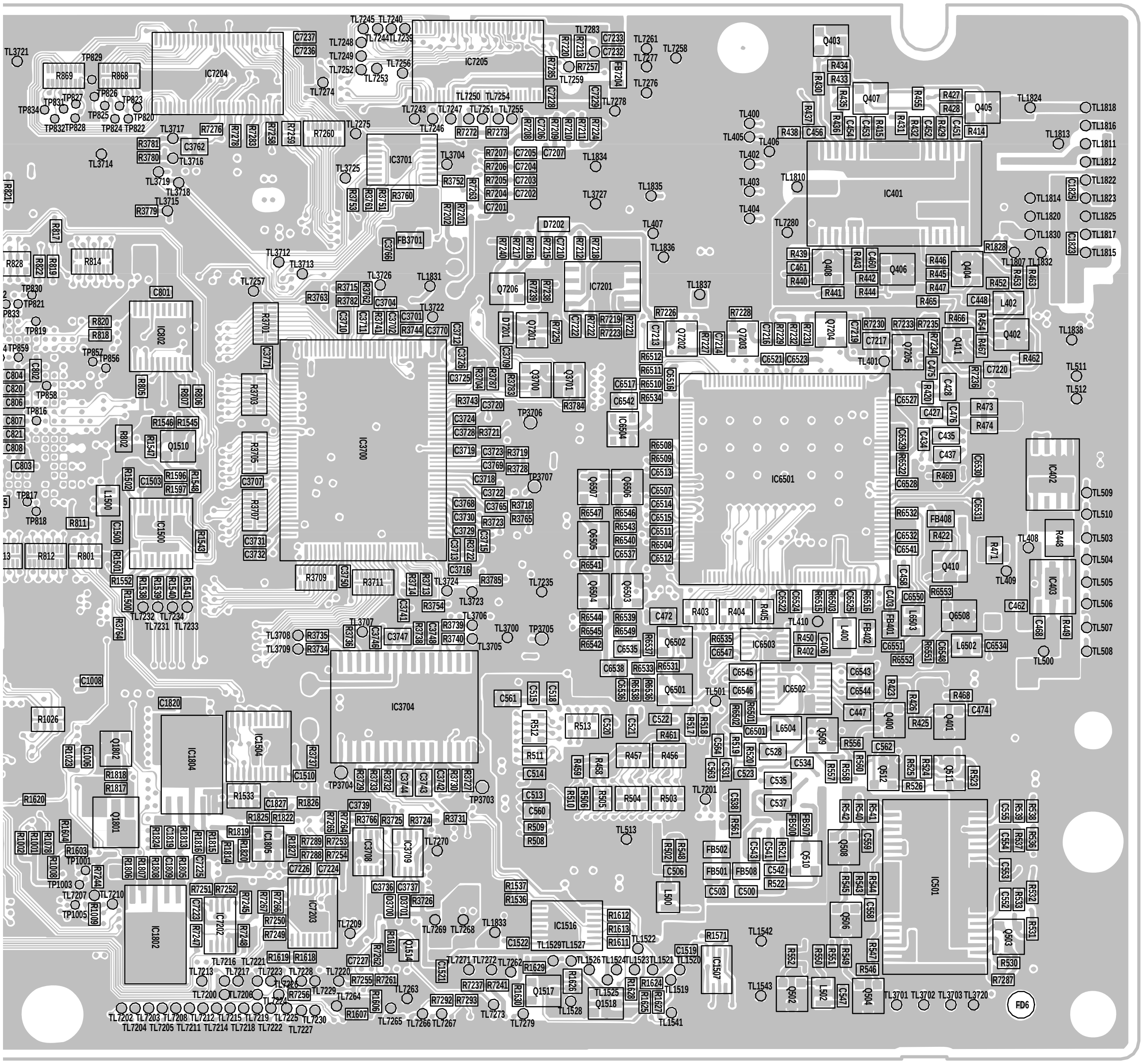

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
IC1512
IC1513
Q1512
Q1513
IC1508
IC1503
IC1502
IC1501
D1503
D1501
Q1503
Q1502
Q1501
Q1500
D1500
Q1505
Q1504
D1502
D1504
IC1801
FL3403
FL3402
FL3400
FL3401
Q1511
IC1511
IC3400
IC3401
D3201
IC3202
FB3202
FB3206
L801
C819
L1500
TH1501
C3338
Q1801
B-MEN
LF a

MAIN Unit (Side-B)

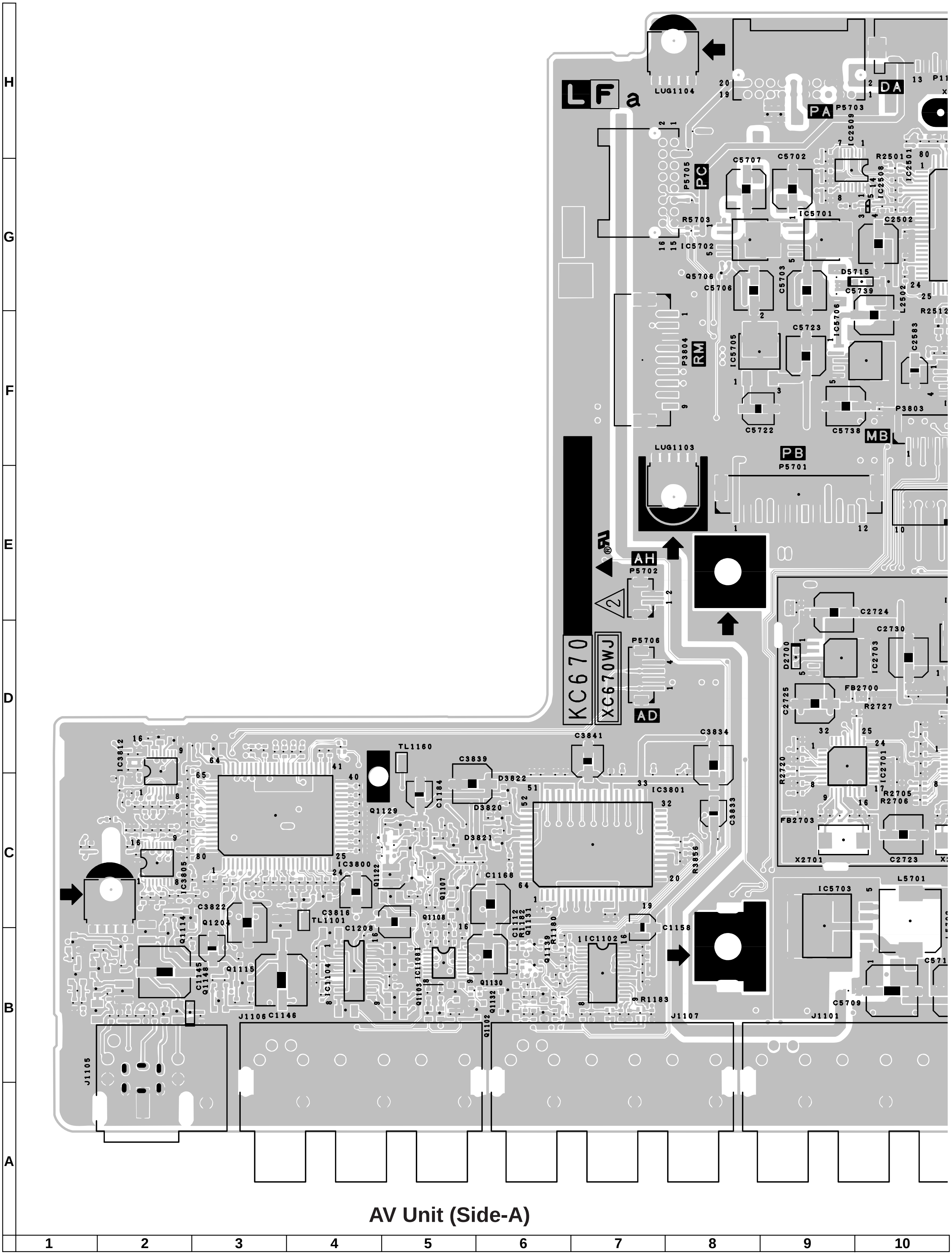

IC7204
IC7205
Q403
FB7204
Q405
IC3701
IC401
FB3701
D7202
CF7201
Q7206
IC7201
Q7202
Q7203
Q408
Q7204
Q406
Q402
IC802
IC3700
D7201
Q7205
R802
Q1510
L1500
IC1500
IC6504
IC402
IC6501
FB408
R448
Q410
IC403
Q6505
Q6504
IC6503
Q6508
L6503
Q6502
L400
IC6502
L6502
Q400
X3700
IC1504
IC1804
IC3704
Q401
Q1802
Q512
Q511
Q1801
Q508
FB502
IC1805
IC3709
IC3708
D3700
D3701
IC1516
L500
FB501
Q510
FB508
Q506
Q503
IC1802
IC7202
IC7203
Q504
IC1507
IC501
Q1517
Q1518
10
11
12
13
14
15
16
17
18
19


IC1511
IC3202
IC1513
IC1508
IC1503
IC1502
IC1501
IC3400
IC3401
IC1801
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

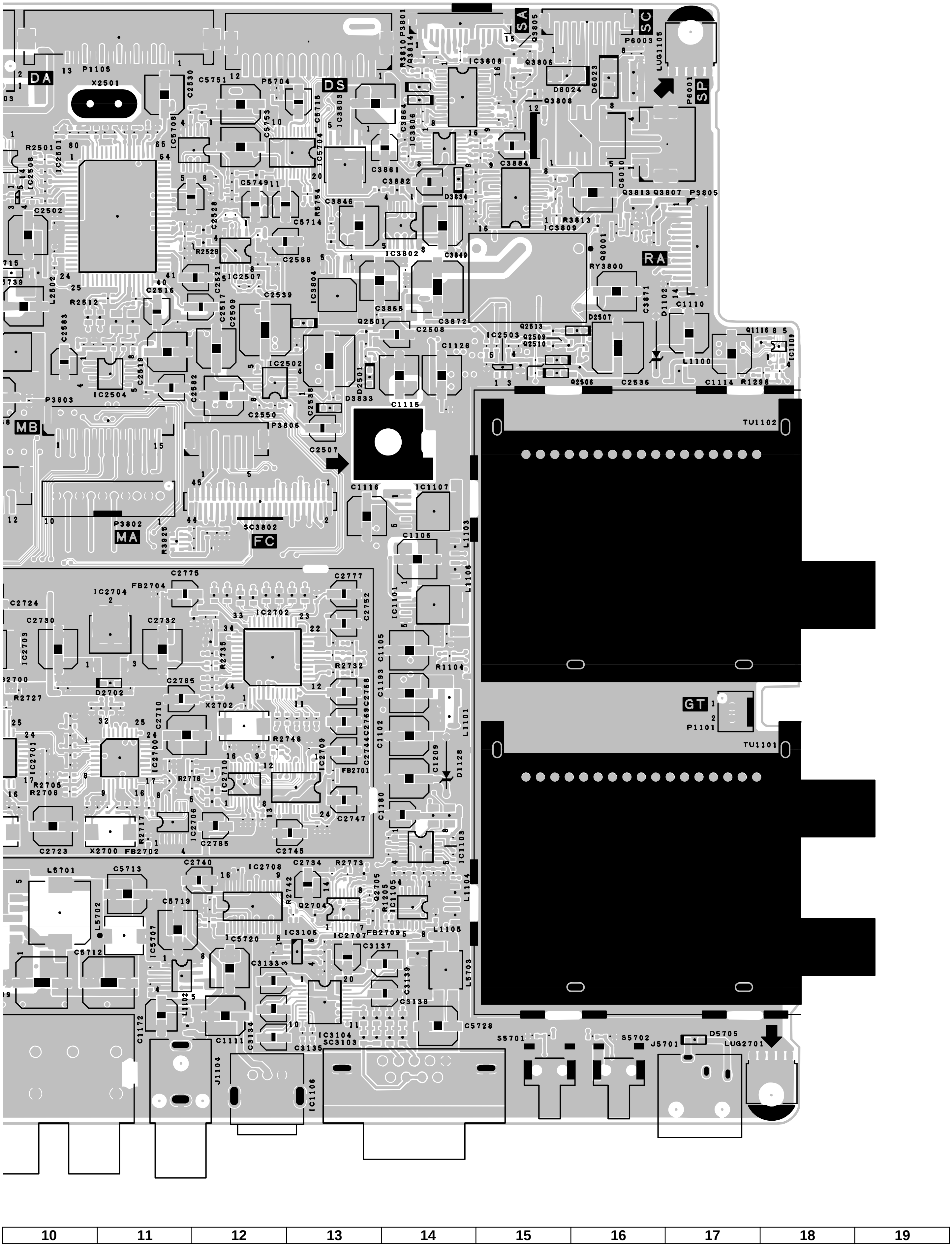
MAIN Unit (Chip Parts Side-B)

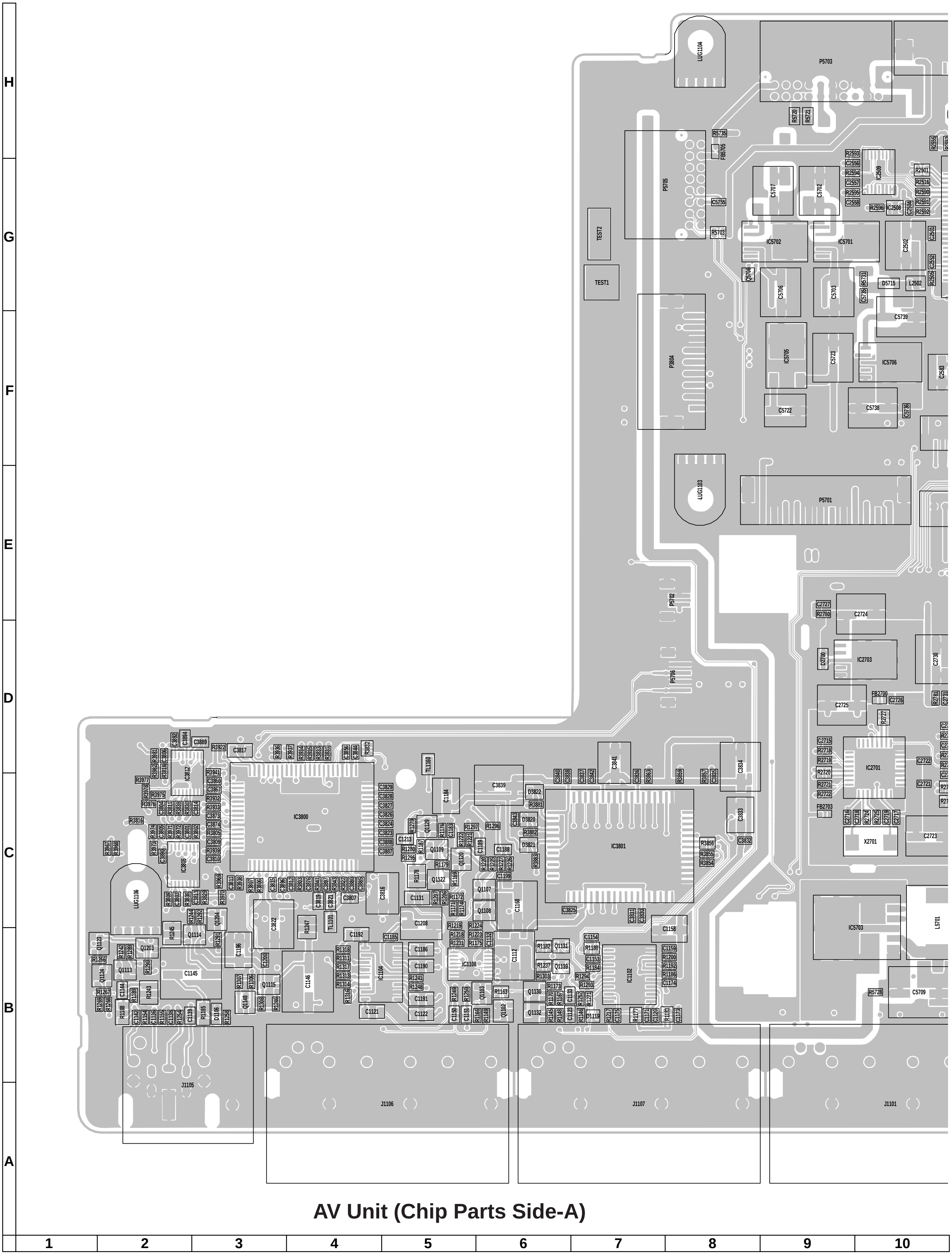

IC7204
IC7205
IC3701
IC401
IC802
IC3700
IC7201
IC6501
IC402
IC403
IC1500
IC6503
IC6502
IC3704
IC1804
IC1504
IC1805
IC7203
IC7202
IC1802
IC3708
IC3709
IC1516
IC1507
IC501
IC6504
Q403
Q407
Q405
Q408
Q406
Q404
Q402
Q7206
Q7201
Q7202
Q7203
Q7204
Q7205
Q3700
Q3701
Q411
Q410
Q6508
Q6507
Q6506
Q6505
Q6504
Q6503
Q6502
Q6501
Q1510
Q1802
Q1801
Q400
Q401
Q509
Q512
Q511
Q510
Q508
Q506
Q503
Q502
Q504
Q1517
Q1518
L402
L400
L6503
L6502
L6504
L1500
L500
L502
FB3701
FB408
FB401
FB402
FB7204
FB502
FB501
FB508
D7202
D7201
FD6

10	11	12	13	14	15	16	17	18	19

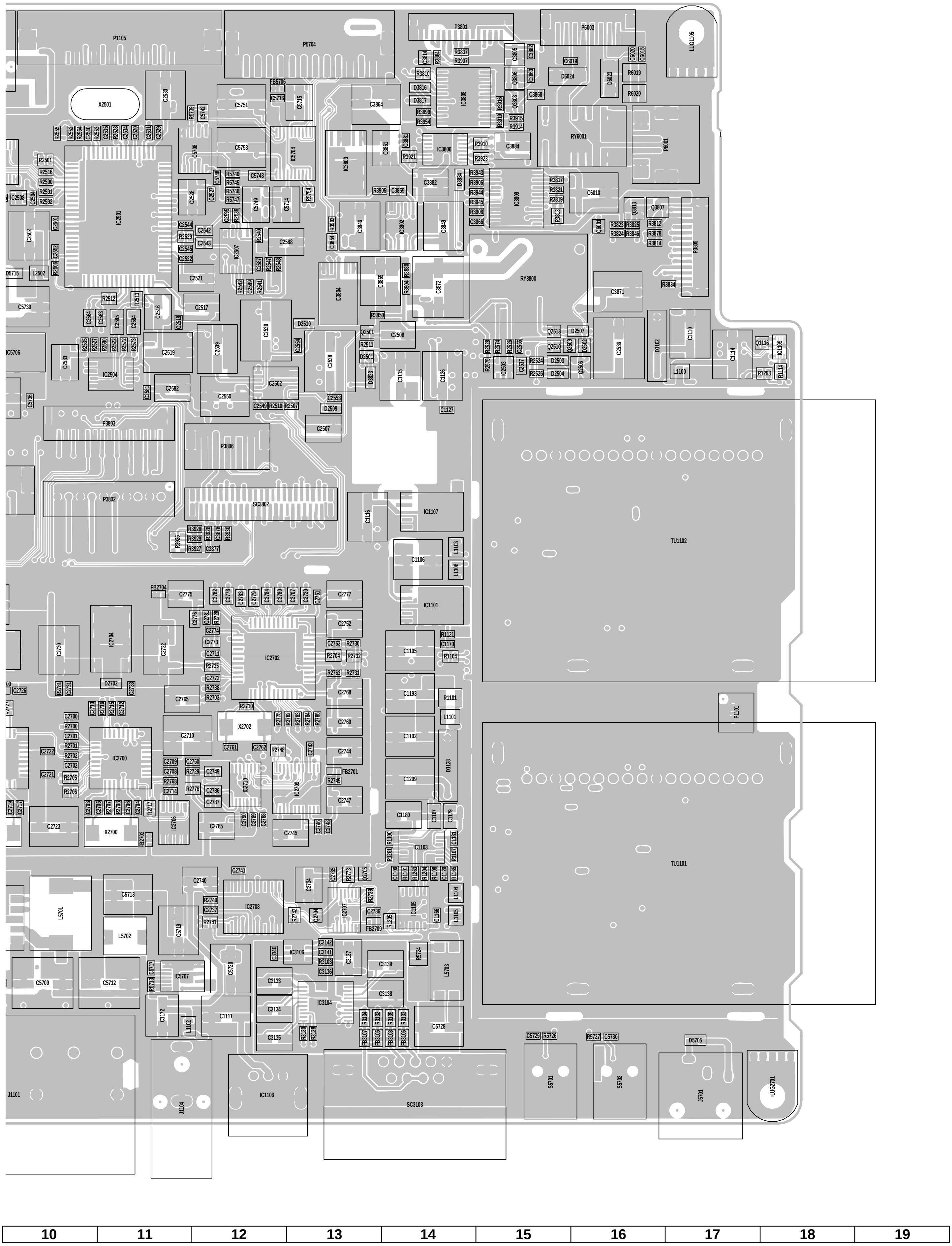

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
LF a
LUG1104
DA
PA
P5703
PC
P5705
C5707
C5702
R2501
IC2501
IC2509
IC2508
IC5701
C2502
R5703
IC5702
Q5706
C5706
C5703
D5715
C5739
L2502
R2512
C5723
IC5706
IC5705
P3804
RM
C2583
C5722
C5738
MB
P3803
LUG1103
PB
P5701
AH
P5702
P5706
AD
KC670
XC670WJ
C2724
C2730
D2700
IC2703
C2725
FB2700
R2727
IC2701
R2720
R2705
R2706
FB2703
X2701
C2723
IC3812
TL1160
C3839
D3822
C3841
C3834
IC3801
C3833
Q1129
C1184
D3820
D3821
IC3805
IC3800
Q1122
R3856
C1168
C3822
Q1204
Q1114
C3816
TL1101
C1208
Q1107
Q1108
Q1112
Q1131
R1180
IC5703
L5701
C1158
IC1102
Q1139
C1145
Q1148
Q1115
IC1104
IC1081
Q1130
Q1132
Q1103
R1183
C5709
J1106
C1146
J1107
J1101
Q1102
J1105

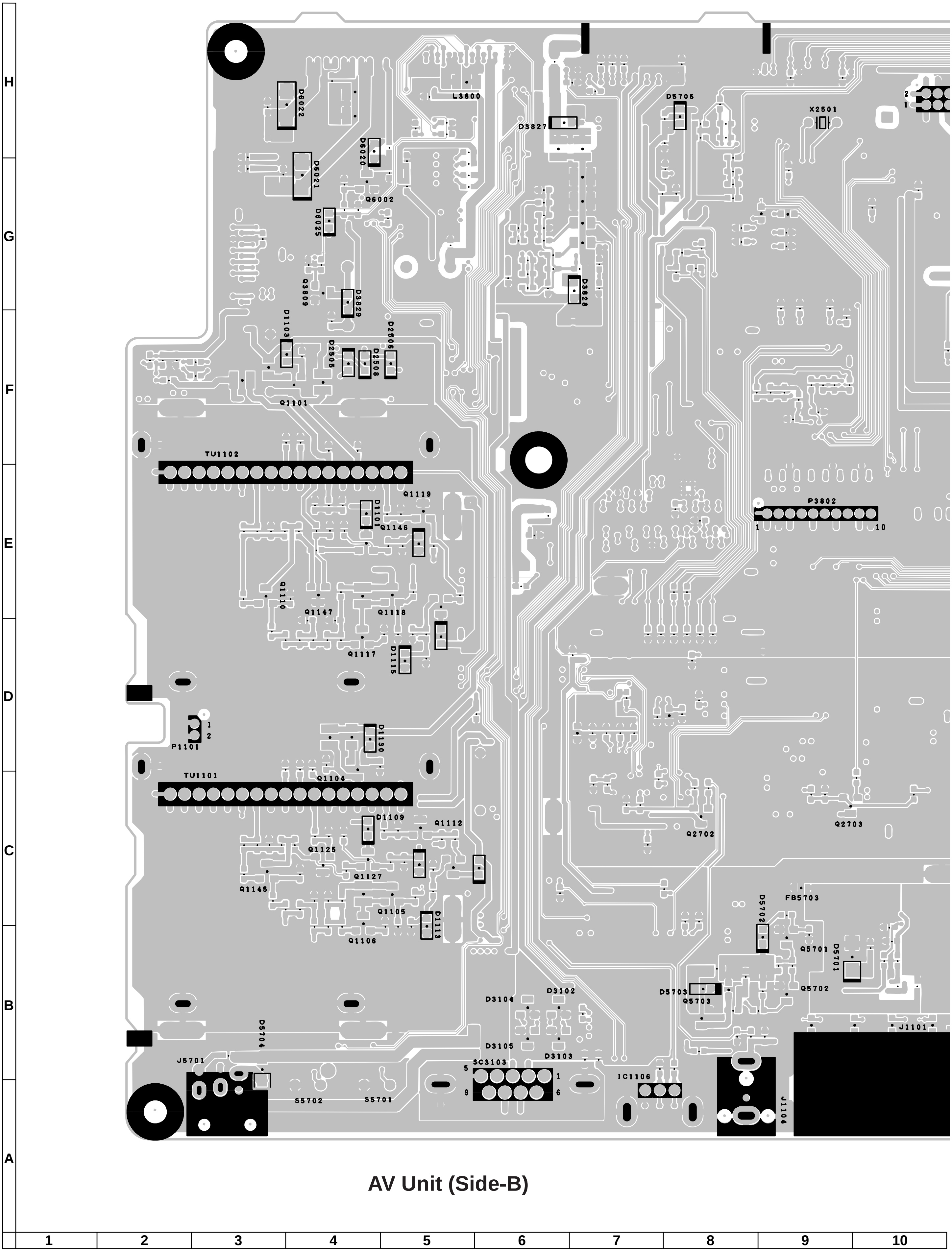
AV Unit (Side-A)


DA
DS
SA
SC
SP
RA
MB
MA
FC
GT
P1105
X2501
C5751
P5704
IC3808
Q3806
Q3805
P6003
LUG1105
P6001
D6024
D6023
Q3808
R2501
IC2501
IC2508
C2502
IC5708
C2530
C5753
C5715
IC3803
C3884
IC3806
R3810
P3801
Q3814
C5749
C2528
IC5704
C3861
C3882
D3834
C3884
Q3813
Q3807
P3805
C8010
R5754
C5714
C3846
IC3802
C3849
R3813
IC3809
Q6001
RY3800
R2529
C2588
IC3804
C2507
C2516
C2521
C2517
C2509
C2539
C3865
C3872
C3871
D1102
C1110
L2502
R2512
C2583
C2519
IC2504
C2582
Q2501
C2508
IC2503
Q2513
Q2509
Q2510
D2507
C1126
Q1116
IC1109
L1100
C2536
C1114
R1298
Q2506
IC2502
D2501
D3833
C1115
C2538
C2550
P3803
P3806
TU1102
C2507
C1116
IC1107
P3802
R3925
SC3802
C1106
L1103
L1106
C2775
FB2704
IC2704
C2777
C2724
C2730
C2732
IC2702
C2752
IC2703
R2735
IC1101
C1105
R2732
R1104
D2702
C2765
C2768
C2769
C2744
C1193
C1102
X2702
R2727
C2710
IC2700
IC2701
R2748
C2709
FB2701
L1101
P1101
TU1101
R2705
R2706
R2776
IC2710
C1209
D1128
C1180
C2747
C2723
X2700
FB2702
R2717
IC2706
C2785
C2745
IC1103
L5701
C5713
C2740
IC2708
C2734
R2773
R2742
Q2704
Q2705
R1205
IC1105
L1104
L5702
C5719
C5707
C5712
C5720
IC3105
IC2707
FB2709
C3137
L1105
C3133
C3139
L5703
L1102
C3138
C1172
C3134
IC3104
SC3103
C3135
C1111
C5728
S5701
S5702
D5705
J5701
LUG2701
J1104
IC1106
10
11
12
13
14
15
16
17
18
19

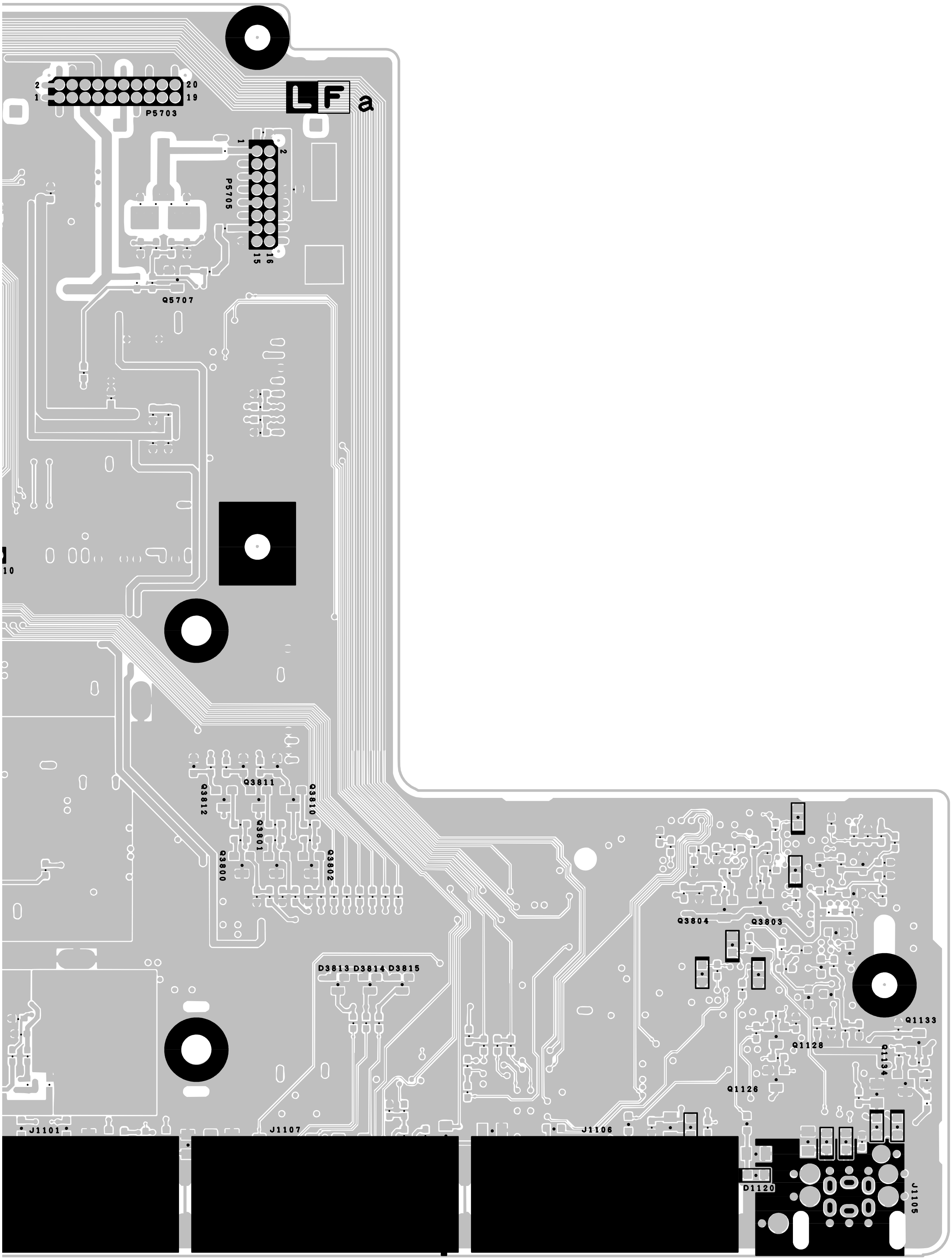

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
LUG1104
P5703
P5705
TEST2
TEST1
IC5702
IC5701
IC2509
C5707
C5702
C2502
C5706
C5703
D5715
L2502
C5739
P3804
IC5705
C5723
IC5706
C5722
C5738
LUG1103
P5701
P5702
C2724
IC2703
D2700
C2730
C2725
FB2700
C2726
P5706
IC2701
C2722
C2721
X2701
C2723
IC3800
IC3801
C3839
C3841
C3834
C3833
C3817
C3889
IC3812
IC3805
LUG1106
TL1160
C1184
C3816
C3822
C1208
C1168
IC1104
C1146
C1145
IC1108
C1112
IC1102
C1158
IC5703
L5701
C5709
R5728
J1105
J1106
J1107
J1101

AV Unit (Chip Parts Side-A)

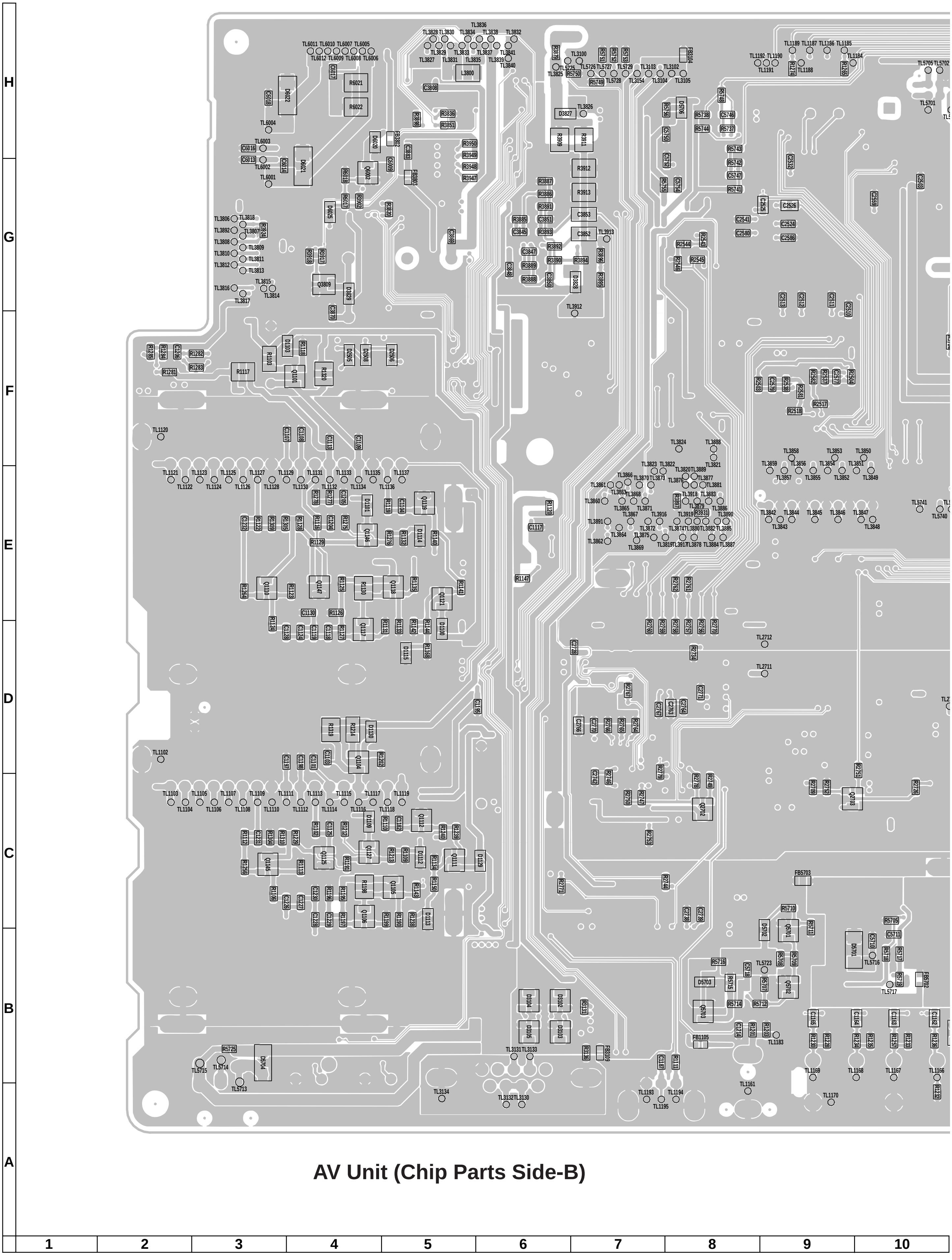

P1105
P5704
P3801
P6003
LUG1105
X2501
C2530
IC2501
C5751
C5753
C5715
C3864
IC3808
RY6001
P6001
IC3803
IC3806
C3884
C6010
IC3809
Q3807
P3805
IC2507
C2588
C3846
IC3802
C3849
C3865
C3872
RY3800
C3871
C2502
C5739
IC5706
C2539
C2509
C2519
C2538
IC2504
C2517
C2516
C2508
C2536
C1110
C1114
IC1109
C2582
C2550
IC2502
C1115
C1126
P3803
P3806
C2507
P3802
SC3802
C1116
IC1107
TU1102
C1106
IC1101
C2775
C2777
IC2702
C2752
IC2704
C2730
C2732
C1105
C2765
C2768
X2702
C2769
C2710
C1193
P1101
C1102
IC2700
C2744
IC2710
IC2709
C1209
D1128
C2747
C2723
X2700
IC2706
C2785
C2745
C1180
IC1103
TU1101
C2740
IC2708
C5713
L5701
C2734
IC2707
IC1105
C5719
L5702
IC3106
C3137
C3139
C5720
C5709
C5712
IC5707
C3133
IC3104
C3138
L5703
C1172
C1111
C3134
C3135
C5728
J1101
J1104
IC1106
SC3103
S5701
S5702
J5701
LUG2701
10
11
12
13
14
15
16
17
18
19


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
D6022
L3800
D5706
X2501
2
1
D3827
D6020
D6021
Q6002
D6025
Q3809
D3829
D3828
D1103
D2506
D2505
D2508
Q1101
TU1102
Q1119
D1101
Q1146
P3802
1
10
Q1110
Q1147
Q1118
Q1117
D1115
1
2
P1101
D1130
TU1101
Q1104
D1109
Q1112
Q2702
Q2703
Q1125
Q1127
Q1145
FB5703
D5702
Q1105
D1113
Q1106
Q5701
D5701
D3104
D3102
D5703
Q5703
Q5702
J1101
D5704
D3105
D3103
J5701
SC3103
5
9
1
6
IC1106
S5702
S5701
J1104

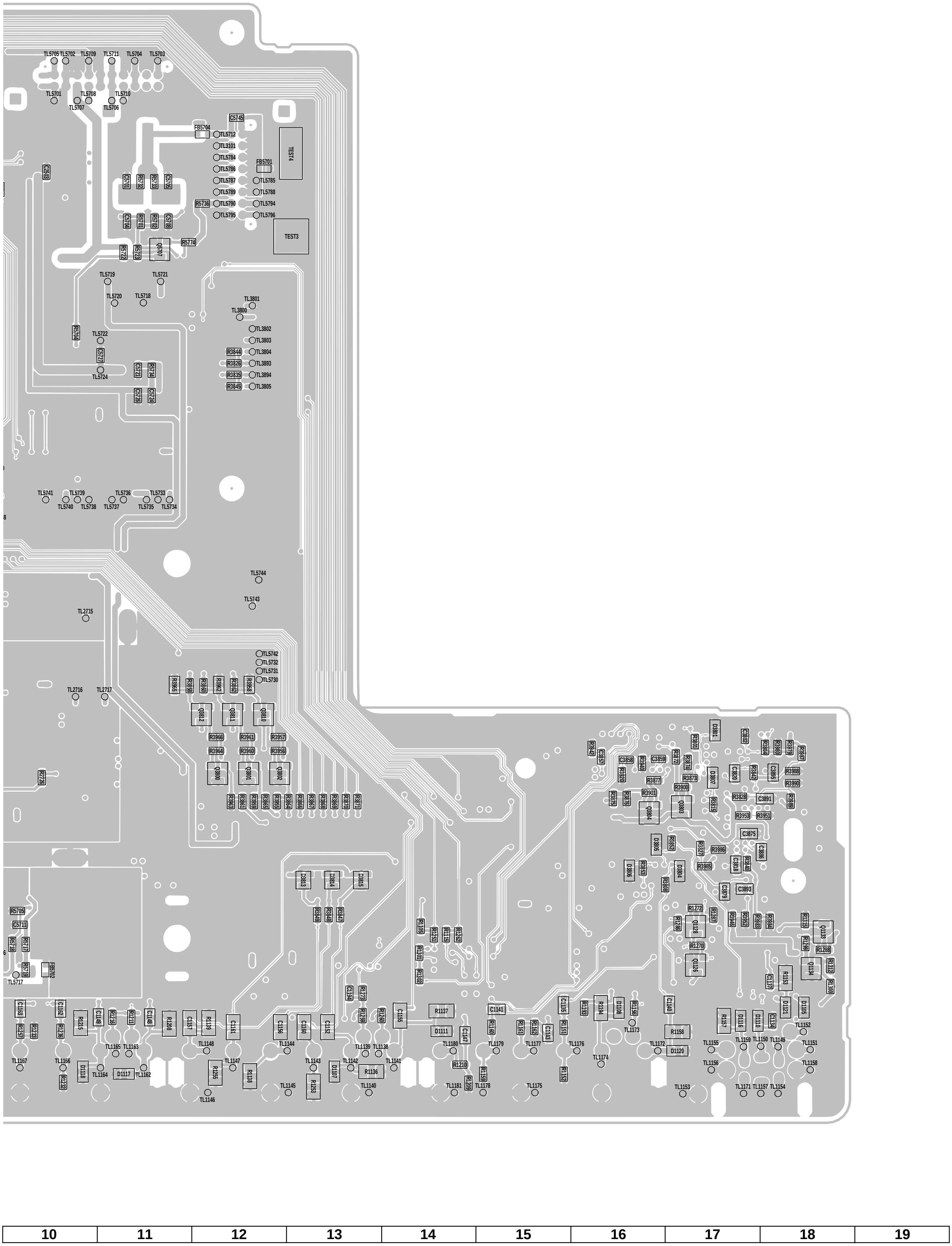
AV Unit (Side-B)

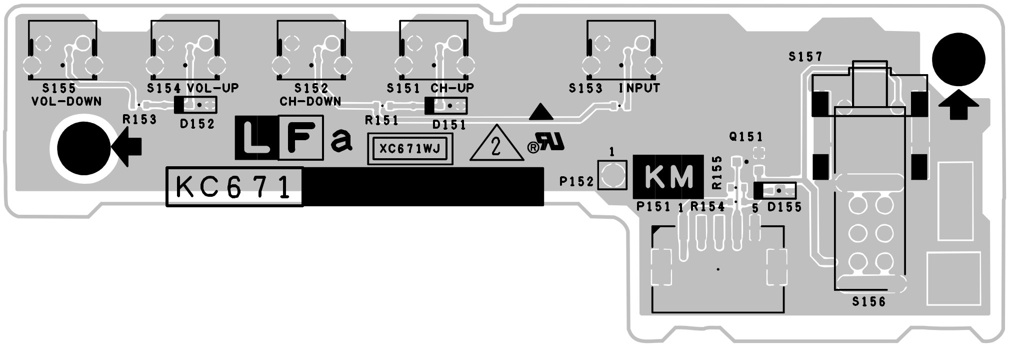

LF a
2
1
20
19
P5703
1
2
P5705
15
16
Q5707
10
Q3811
Q3812
Q3810
Q3801
Q3800
Q3802
D3813 D3814 D3815
Q3804
Q3803
Q1133
Q1128
Q1134
Q1126
J1101
J1107
J1106
D1120
J1105

10	11	12	13	14	15	16	17	18	19

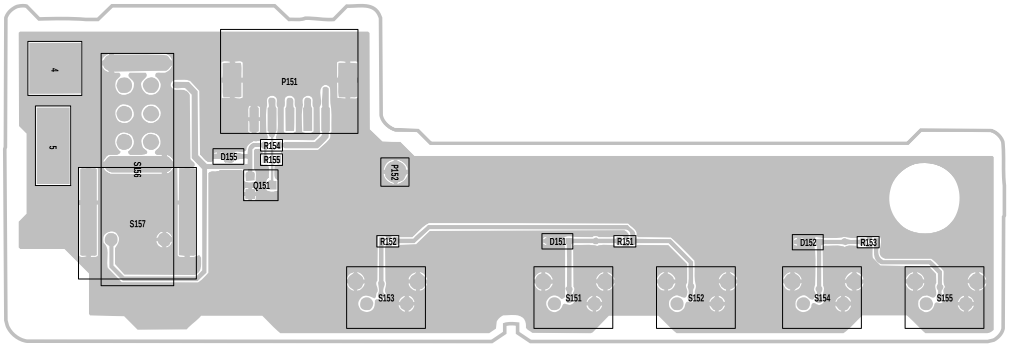

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

AV Unit (Chip Parts Side-B)

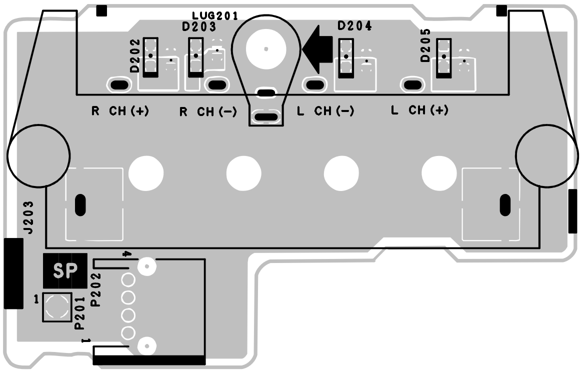

TL5705
TL5702
TL5709
TL5711
TL5704
TL5703
TL5701
TL5708
TL5710
TL5707
TL5706
C5745
FB5704
TL5712
TL3101
TL5784
TL5786
TL5787
TL5789
TL5790
TL5795
FB5701
TL5785
TL5788
TL5794
TL5796
TEST4
TEST3
C2503
C5701
R5732
R5733
C5705
R5736
C5704
R5701
R5702
C5708
R5774
R5722
R5723
Q5707
TL5719
TL5721
TL5720
TL5718
TL3801
TL3800
TL3802
TL3803
TL3804
TL3893
TL3894
TL3805
R3844
R3826
R3835
R3845
R5704
TL5722
C5727
TL5724
C5721
R5734
C5726
C5724
TL5741
TL5739
TL5736
TL5733
TL5740
TL5738
TL5737
TL5735
TL5734
TL5744
TL5743
TL2715
TL5742
TL5732
TL5731
TL5730
R3965
Q3812
Q3811
Q3810
R3966
R3961
R3957
R3964
R3960
R3956
Q3800
Q3801
Q3802
TL2716
TL2717
R2726
Q3813
Q3814
Q3815
R3949
R3948
R3947
R1109
R1251
R1119
R1262
R1301
R1302
C1134
R1273
R1259
R1260
C1155
R1137
D1111
C1141
C1147
R1160
R1161
R1162
C1143
C1135
R1193
R1194
D1108
R1156
R1151
C1140
R1158
D1120
R5705
C5711
R5718
R5717
R5719
FB5702
TL5717
C1163
R1257
R1233
C1162
R1236
R1215
C1149
R1216
R1211
C1148
R1208
C1157
R1139
C1161
C1156
C1160
C1152
TL1165
TL1163
TL1148
TL1147
TL1167
TL1166
D1118
TL1164
D1117
TL1162
R1232
R1255
R1138
TL1146
TL1144
TL1145
R1253
TL1143
D1107
TL1142
R1136
TL1139
TL1138
TL1140
TL1141
TL1180
R1210
TL1181
R1209
R1159
TL1178
TL1179
TL1177
TL1175
TL1176
R1152
TL1174
TL1173
TL1172
TL1153
D3801
C3802
R3801
R3840
C3857
C3858
R3940
C3859
R3872
R3874
R3920
R3877
R3873
R3875
R3876
R3901
R3900
Q3804
Q3803
D3807
R3804
R3860
R3979
R3987
C3820
R3842
C3895
R3988
R3990
R3828
C3891
R3989
R3815
R3953
R3951
C3875
D3805
R3852
R3827
R3986
C3886
R3985
C3818
D3806
R3853
D3804
R3808
C3879
C3893
R1272
R1271
R1286
Q1128
R3946
R3952
R3983
R3984
R1315
Q1133
R1270
R1289
R1288
Q1126
Q1134
R1312
R1153
C1137
R1300
D1121
D1105
R1157
D1116
D1110
TL1152
TL1155
TL1159
TL1150
TL1149
TL1151
TL1156
TL1158
TL1171
TL1157
TL1154
10
11
12
13
14
15
16
17
18
19


S155
VOL-DOWN
S154 VOL-UP
S152
CH-DOWN
S151 CH-UP
S153 INPUT
S157
R153
D152
R151
D151
LFa
XC671WJ
KC671
P152
1
KM
R155
Q151
P151 1 R154
5 D155
S156

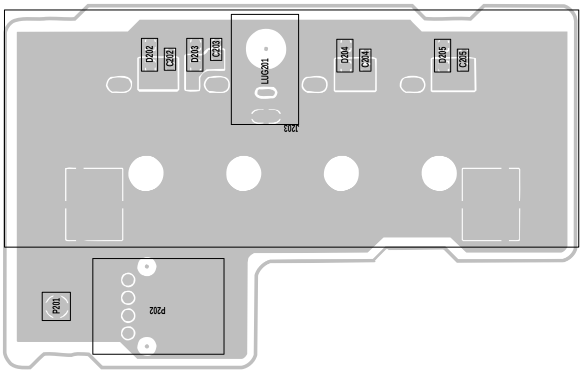
KEY Unit (Component Parts Side)


4
5
P151
D155
R154
R155
Q151
S156
S157
P152
R152
D151
R151
D152
R153
S153
S151
S152
S154
S155

KEY Unit (Chip Parts Side)


LUG201
D203
D202
D204
D205
R CH (+)
R CH (−)
L CH (−)
L CH (+)
J203
SP
4
1
P201
P202
1

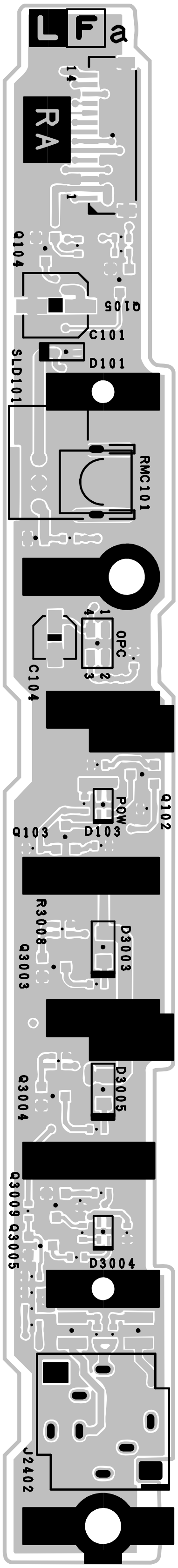
(Component Parts Side)


D202
C202
D203
C203
LUG201
D204
C204
D205
C205
J203
P201
P202

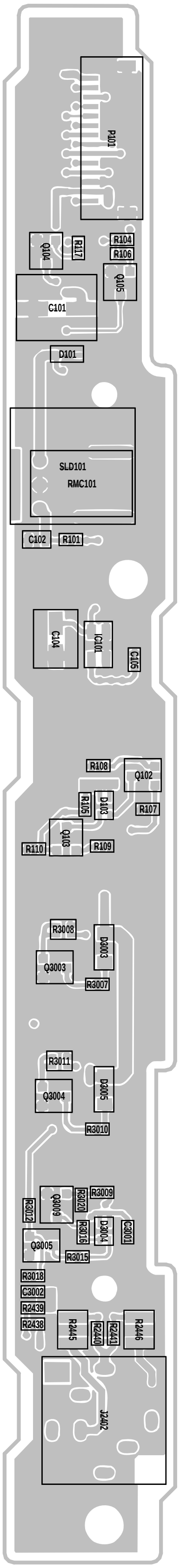
(Chip Parts Side)

EXT-SP Unit (QPWBXC673UJ04)

H
G
F
E
D
C
B
A


LFa
RA
14
1
Q104
Q105
C101
D101
SLD101
RMC101
4
1
OPC
3
2
C104
Q102
POW
Q103
D103
R3008
Q3003
D3003
Q3004
D3005
Q3009
Q3005
D3004
J2402

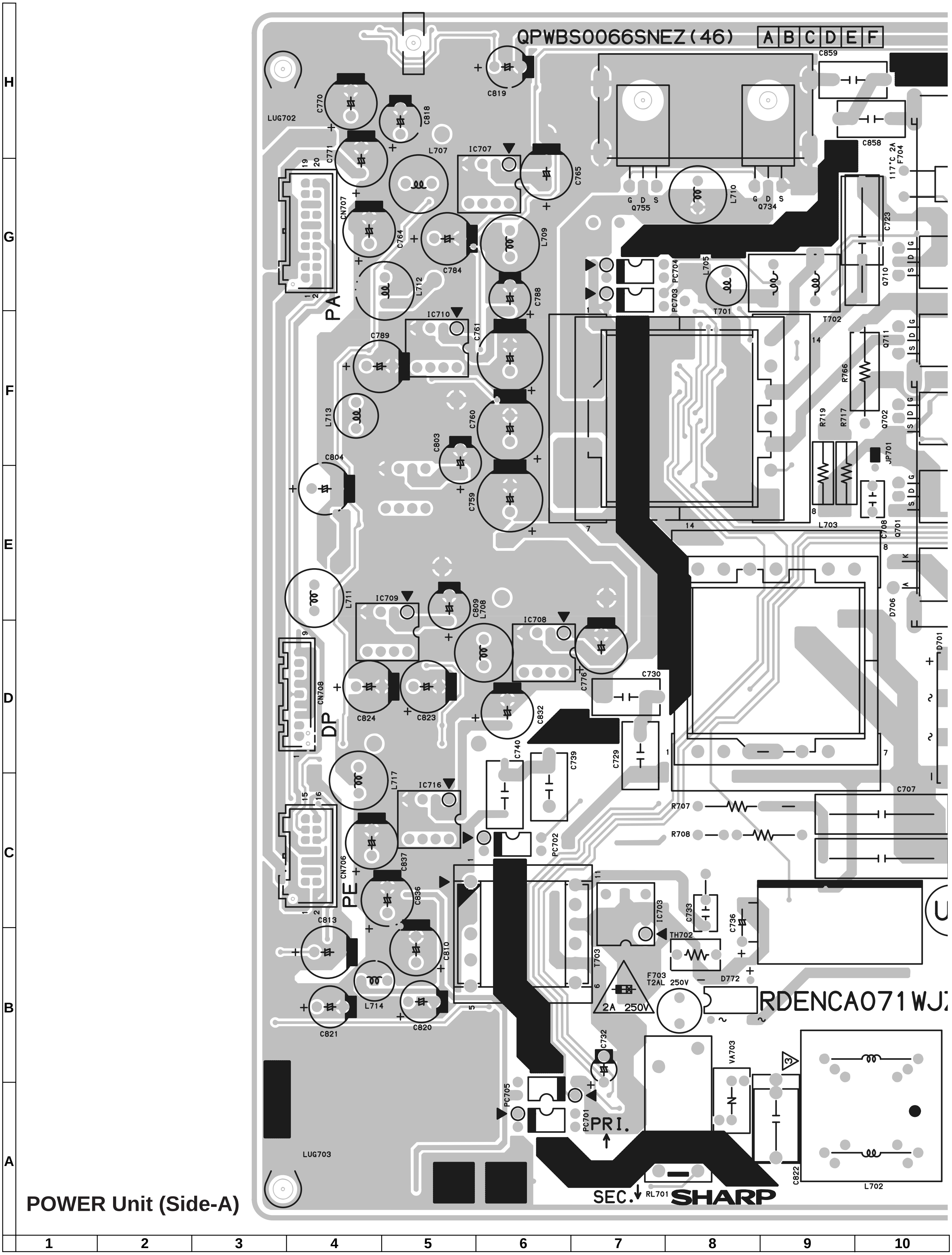
(Component Parts Side)


P101
Q104
R117
R104
R106
Q105
C101
D101
SLD101
RMC101
C102
R101
C104
IC101
C105
R108
Q102
R105
D103
R107
Q103
R110
R109
R3008
D3003
Q3003
R3007
R3011
Q3004
D3005
R3010
R3009
R3012
Q3009
R3020
R3016
D3004
C3001
Q3005
R3015
R3018
C3002
R2439
R2438
R2445
R2440
R2441
R2446
J2402

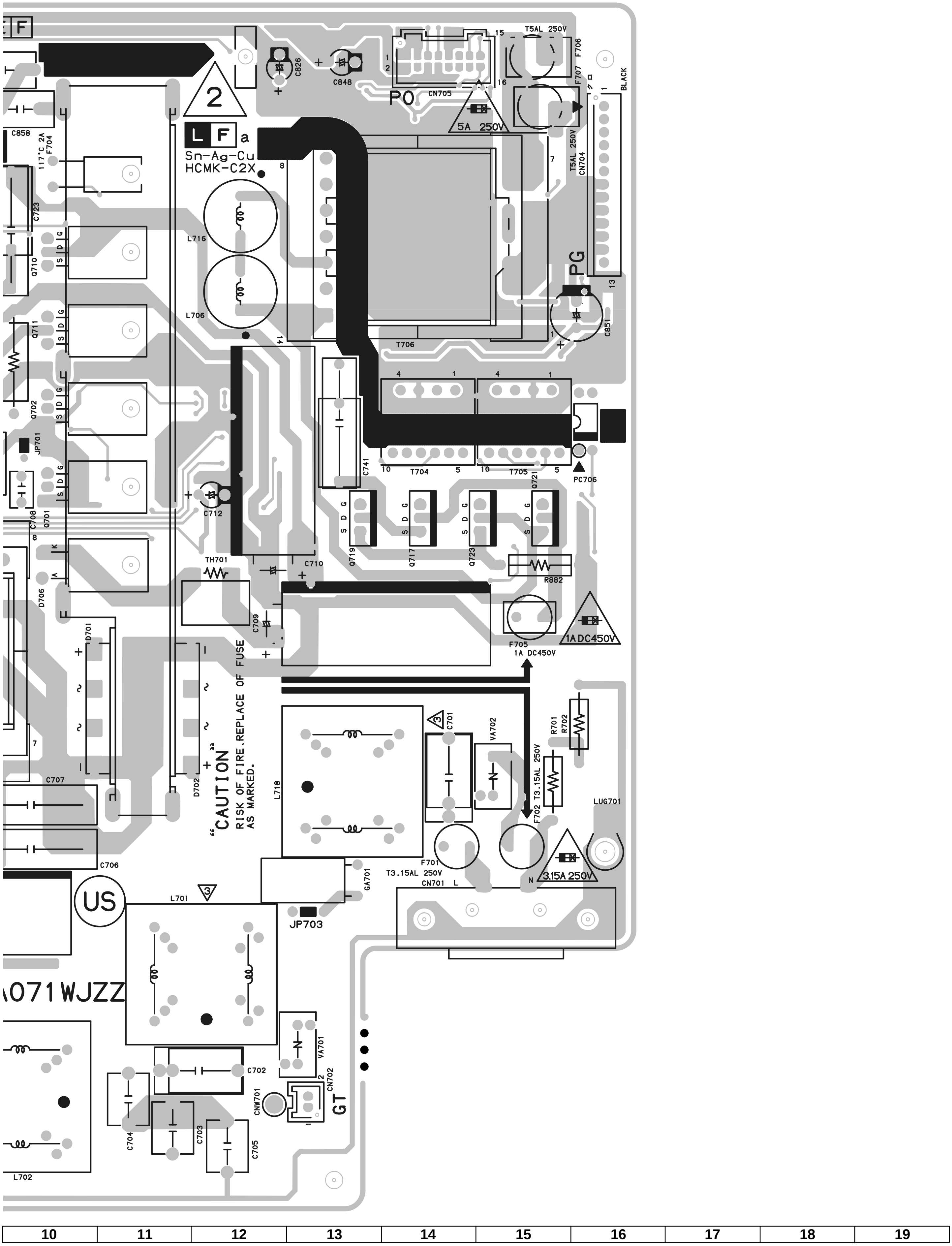
(Chip Parts Side)

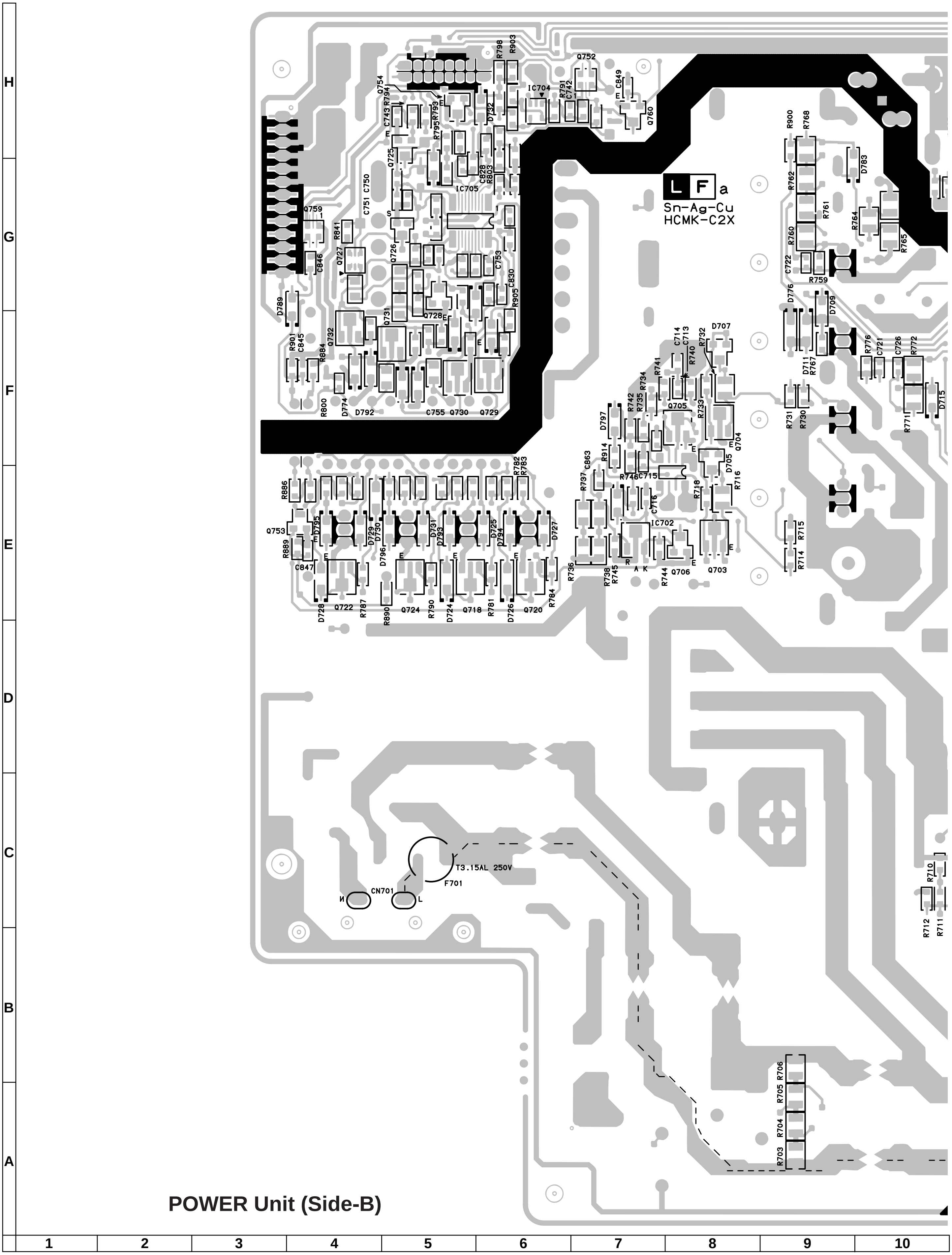
KEY Unit (QPWBXC672UJ04)

1	2	3	4	5	6

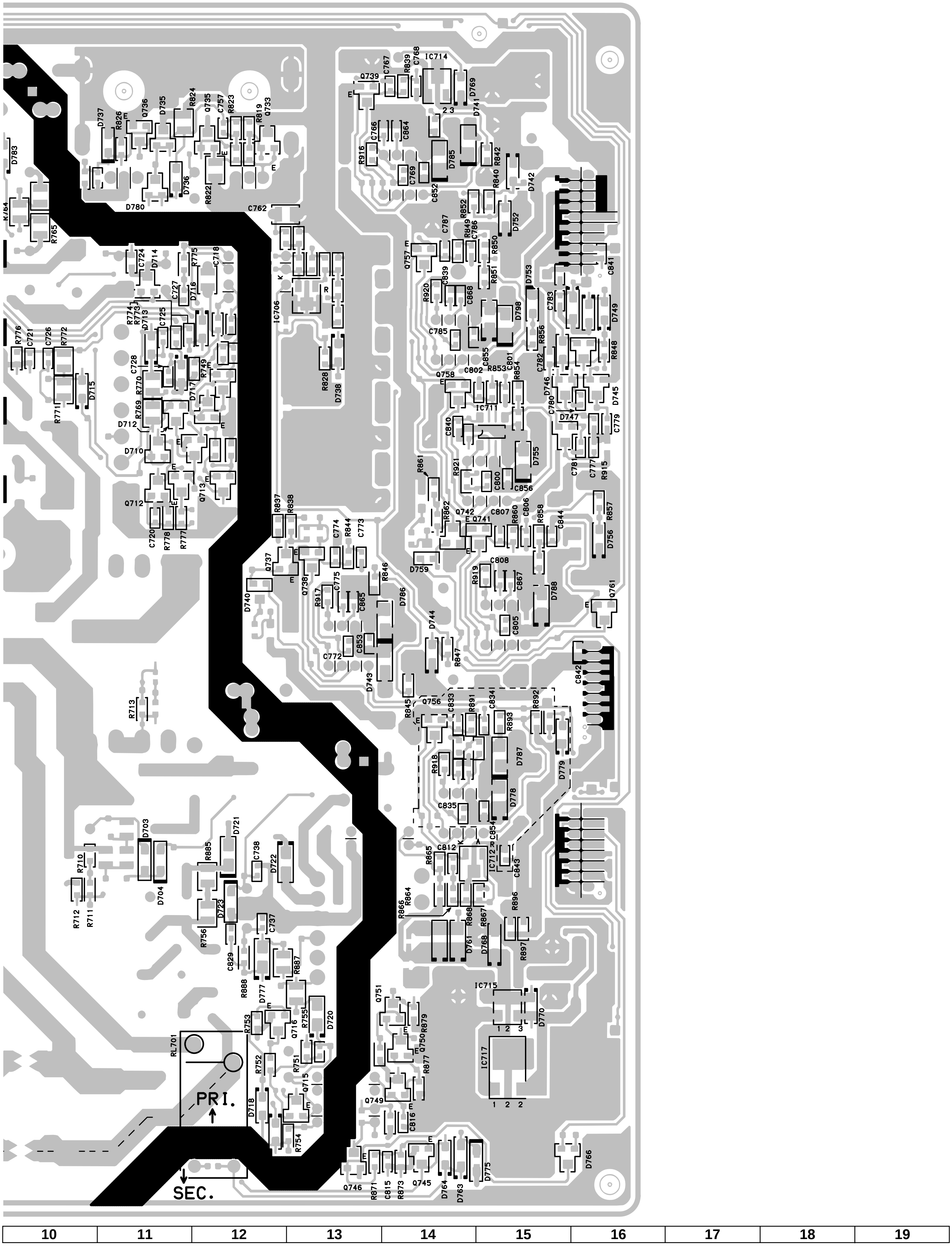

QPWBS0066SNEZ(46)
A B C D E F
LUG702
LUG703
C770
C818
C771
C819
C859
C858
L707
IC707
C765
Q755
G D S
L710
Q734
F704
117°C 2A
C723
CN707
19
20
1
2
PA
C764
C784
L709
L712
C788
PC704
PC703
L705
T701
Q710
T702
IC710
C761
C789
L713
C760
C803
C804
C759
R766
Q711
R719
R717
Q702
JP701
L703
C708
Q701
14
7
8
D706
D701
L711
IC709
C809
L708
IC708
C776
C730
CN708
9
DP
C824
C823
C832
C740
C739
C729
C707
L717
IC716
15
16
R707
R708
PC702
CN706
PE
C837
C836
C813
C810
T703
IC703
C733
C736
TH702
F703
T2AL 250V
D772
2A 250V
RDENCA071WJ
L714
C821
C820
C732
VA703
PC705
PC701
PRI.
SEC.
RL701
SHARP
C822
L702
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

POWER Unit (Side-A)


F
2
L F a
Sn-Ag-Cu
HCMK-C2X
C826
C848
15
1
2
16
P0
CN705
T5AL 250V
F706
F707
BLACK
5A 250V
T5AL 250V
CN704
7
C858
117°C 2A
F704
C723
Q710
Q711
Q702
Q701
JP701
C708
S D G
L716
L706
8
14
T706
PG
C851
13
1
4
1
4
1
10
T704
5
10
T705
5
C741
PC706
Q719
Q717
Q723
Q721
C712
TH701
C710
R882
C709
F705
1A DC450V
1A DC450V
K
A
D706
D701
D702
C707
C706
"CAUTION"
RISK OF FIRE, REPLACE OF FUSE
AS MARKED.
L718
3
C701
VA702
R701
R702
T3.15AL 250V
F702
F701
T3.15AL 250V
CN701 L
N
3.15A 250V
LUG701
GA701
US
L701
3
JP703
A071WJZZ
VA701
C702
CN702
2
1
GT
CNW701
C704
C703
C705
L702
10
11
12
13
14
15
16
17
18
19


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
L F a
Sn-Ag-Cu
HCMK-C2X
Q752
R798
R903
IC704
R791
C742
C849
Q760
Q754
R794
R793
R795
C743
D732
Q725
C828
R803
IC705
C750
C751
Q759
R841
C846
Q727
Q726
C753
C830
R905
Q728
Q731
D789
R901
C845
Q732
R884
R800
D774
D792
C755
Q730
Q729
R782
R783
R886
Q753
D795
R889
C847
D728
Q722
R787
D729
D730
D796
R890
Q724
D731
D793
R790
D724
Q718
R781
D725
D794
D726
Q720
D727
R784
R900
R768
D783
R762
R761
R764
R760
R765
C722
R759
D776
D709
D707
C714
C713
R732
R740
R741
R734
R735
R742
Q705
R733
D797
R914
C863
R746
C715
Q704
D705
R716
R718
C716
R797
IC702
R736
R738
R745
R744
Q706
Q703
D711
R767
R776
C721
C726
R772
D715
R731
R730
R771
R715
R714
T3.15AL 250V
F701
CN701
N
L
R710
R712
R711
R706
R705
R704
R703

POWER Unit (Side-B)


IC714
C767
R839
C768
Q739
D769
D741
D737
R826
Q736
D735
R824
Q735
C757
R823
R819
Q733
D783
C766
C864
R916
D785
R840
R842
C769
C852
D742
D736
R822
D780
C762
R764
R765
C787
R852
R849
C786
D752
R850
Q757
C724
D714
R775
C718
C839
R851
D753
C841
R920
C868
IC706
D798
C783
D749
R774
R773
D713
C725
C727
D716
C785
R856
R848
R776
C721
C726
R772
C728
R770
R749
C855
C802
R853
C801
R854
C782
D746
Q758
D715
R828
D738
D745
R769
D717
IC711
C780
D747
R771
D712
C840
C779
D710
R861
R921
D755
C781
C777
R915
C800
C856
Q713
Q712
R837
R838
Q742
C807
R860
C806
R858
C844
R862
Q741
R857
D756
C720
R778
R777
C774
R844
C773
Q737
D759
C808
Q738
C775
R846
R919
C867
D788
R917
C865
D786
Q761
D740
C805
D744
C853
C772
R847
D743
C842
R845
Q756
C833
R891
C834
R892
R713
R893
R918
D787
D779
D778
C835
D703
D721
R885
C738
D722
R865
C812
C854
IC712
C843
R710
D704
D723
R866
R864
R868
R867
R896
R712
R711
R756
C737
D761
D768
R897
C829
R887
IC715
R888
D777
Q751
D770
R753
Q716
R755
D720
R879
Q750
RL701
R752
R751
R877
IC717
Q715
Q749
D718
PRI.
C816
R754
D766
D775
Q746
R871
C815
R873
Q745
D764
D763
SEC.
E
K
R
1 2 3
1 2 2
10
11
12
13
14
15
16
17
18
19

H

G

F

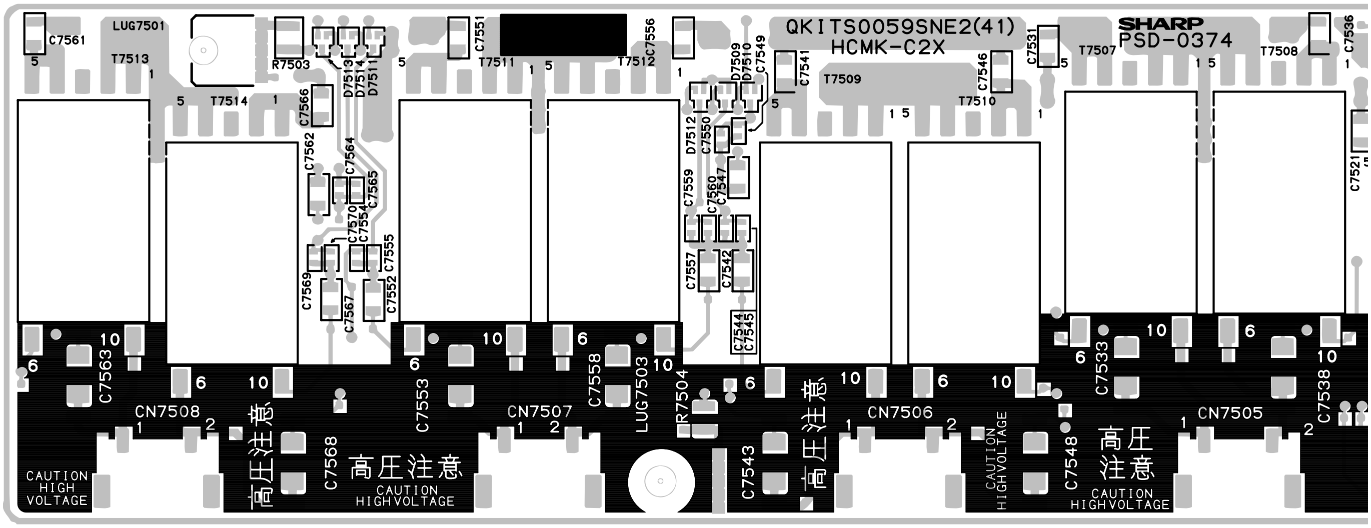
E

D

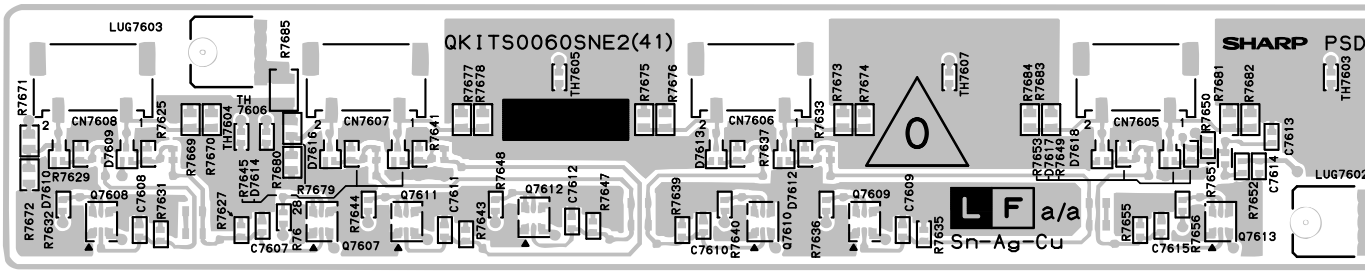
C

B

A

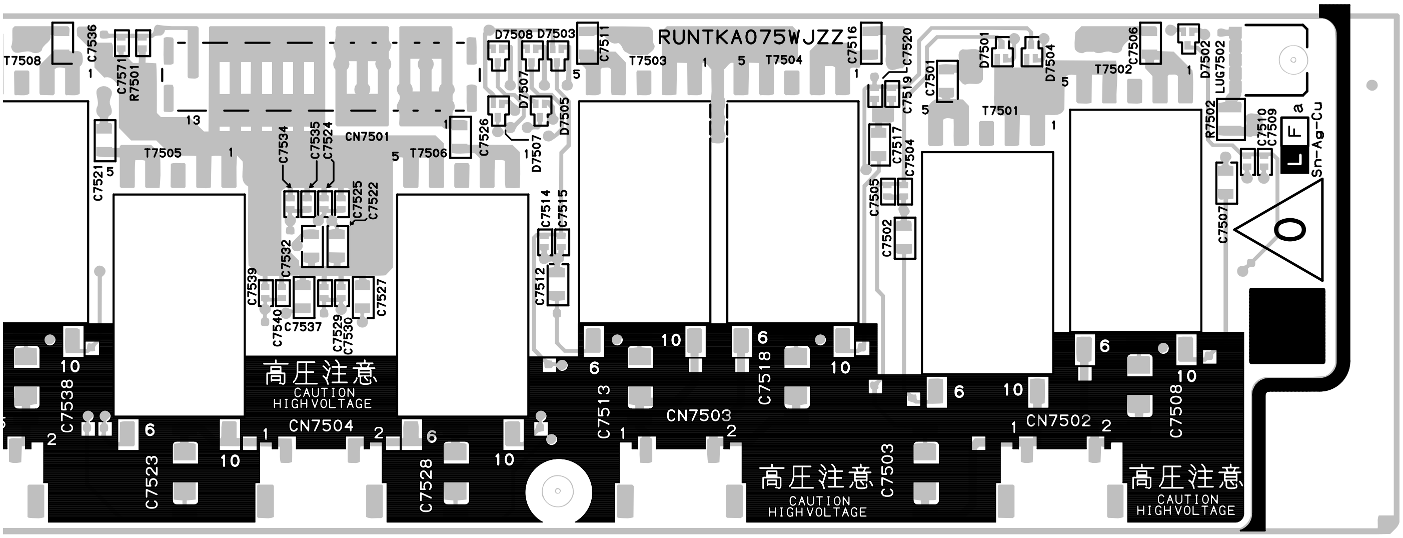

QKITS0059SNE2(41)
HCMK-C2X
SHARP
PSD-0374
C7561
LUG7501
T7513
R7503
T7514
D7513
D7514
D7511
C7551
T7511
T7512
C7556
D7509
D7510
C7549
C7541
T7509
C7546
C7531
T7507
T7510
T7508
C7536
C7566
C7562
C7564
C7565
C7570
C7554
C7569
C7567
C7552
C7555
D7512
C7550
C7559
C7560
C7547
C7557
C7542
C7544
C7545
C7521
C7563
CN7508
C7568
C7553
CN7507
C7558
LUG7503
R7504
C7543
CN7506
C7548
C7533
CN7505
C7538
高圧注意
CAUTION HIGH VOLTAGE

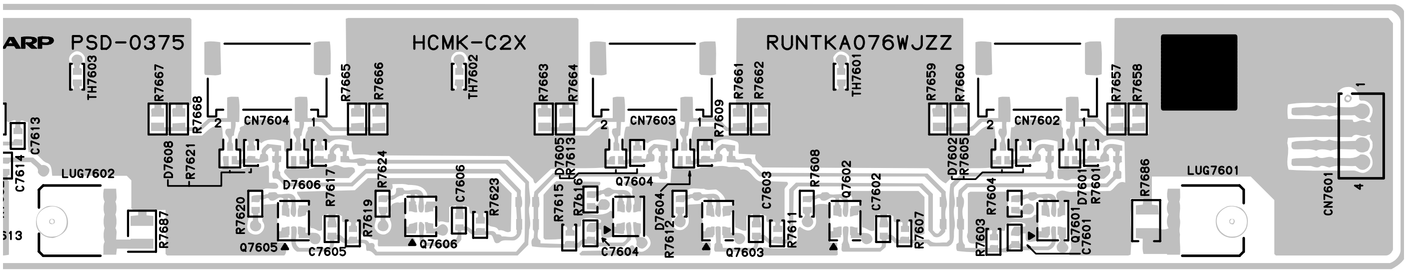
INVERTER Unit (Component Side)


LUG7603
R7685
QKITS0060SNE2(41)
SHARP
PSD
R7671
CN7608
R7625
TH7604
TH 7606
CN7607
R7641
R7677
R7678
TH7605
R7675
R7676
CN7606
R7633
R7673
R7674
TH7607
R7684
R7683
CN7605
R7681
R7682
TH7603
R7650
C7613
LUG7602
D7609
R7629
D7610
R7672
R7632
Q7608
C7608
R7631
R7669
R7670
R7645
D7614
R7680
R7627
C7607
R7679
D7616
R7644
Q7607
Q7611
C7611
R7643
R7648
Q7612
C7612
R7647
R7639
D7613
R7640
C7610
R7637
Q7610
D7612
R7636
Q7609
C7609
R7635
R7653
D7617
R7649
D7618
R7655
C7615
R7656
R7651
R7652
C7614
Q7613
O
L F
a/a
Sn-Ag-Cu

INVERTER-GND Unit (Component Side)

1 2 3 4 5 6 7 8 9 10


RUNTKA075WJZZ
T7508
C7536
C7571
R7501
T7505
C7521
13
C7534
C7535
C7524
CN7501
C7525
C7522
C7539
C7532
C7540
C7537
C7529
C7530
C7527
T7506
C7526
D7508
D7503
D7507
D7505
C7511
C7514
C7515
C7512
T7503
T7504
C7516
C7519
C7520
C7517
C7504
C7505
C7502
C7501
D7501
D7504
T7501
C7506
D7502
LUG7502
T7502
R7502
C7510
C7509
a
F
L
Sn-Ag-Cu
C7507
0
C7538
C7523
CN7504
C7528
C7513
CN7503
C7518
C7503
CN7502
C7508
高圧注意
CAUTION
HIGH VOLTAGE


ARP
PSD-0375
HCMK-C2X
RUNTKA076WJZZ
TH7603
TH7602
TH7601
R7667
R7668
R7665
R7666
CN7604
R7663
R7664
CN7603
R7609
R7661
R7662
R7659
R7660
CN7602
R7657
R7658
C7613
C7614
LUG7602
R7687
D7608
R7621
D7606
R7620
Q7605
C7605
R7617
R7619
R7624
Q7606
C7606
R7623
D7605
R7613
R7615
R7616
Q7604
C7604
D7604
R7612
Q7603
C7603
R7611
R7608
Q7602
C7602
R7607
D7602
R7605
R7604
R7603
Q7601
C7601
D7601
R7601
R7686
LUG7601
CN7601
1
2
4

10	11	12	13	14	15	16	17	18	19

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

in **USA**: Contact your nearest SHARP Parts Distributor to order. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

★ MARK: SPARE PARTS-DELIVERY SECTION

PRINTED WIRING BOARD ASSEMBLIES
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
	DUNTKC267VJ24	–	DVI Unit	—
	DUNTKC268VJ30	–	LCD CONTROL Unit	—
	DUNTKC427VJ13	–	CPU Unit	—
	DUNTKC544VJ03	–	PC CARD Unit	—
	DUNTKC641VJ11	–	MAIN Unit	—
	DUNTKC670UJ04	–	AV Unit	—
	DUNTKC671UJ04	–	KEY Unit	—
	DUNTKC672UJ04	–	RC/LED Unit	—
	DUNTKC673UJ04	–	EXT-SP Unit	—
	RUNTKA075WJZZ	–	INVERTER Unit	—
	RUNTKA076WJZZ	–	INVERTER-GND Unit	—
	RDENCA071WJZZ	–	POWER Unit(LC-26GA4U)	—
	RDENCA095WJZZ	–	POWER Unit(LC-26GA4D)	—
	B2SX4102BT	J	1-BIT AMP. Unit	BU

LCD PANEL

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

	RLCDTA029WJZZ	J	26" LCD Panel Unit	DU

ERSATZTEILLISTE

AUSTAUSCH VON TEILEN

Les pi`eces de rechange qui pr élelesentent ces caract éleristiques sp éleciales de s élecurit éle, sont identifi élees dans ce manuel : lespi`eces élelectriques qui pr élesentent ces particularit éles, sont rep éler élee par la marque ⚠et sont hachur élees dans les listes de pi`eces et dans les diagrammes sch élematiques.

La substitution d'une pi`ece de rechange par une autre qui ne pr éLesente pas les m éoemes caract éLeristiques de s élecurit éle que la pi`ece recommand élee parl'usine et dans ce manuel de service, peut provoquer une éLelectrocution, un incendie ou toutautre sinistre.

"COMMENT COMMANDER LES PIECES DE RECHANGE"

Pour que votre commande soit rapidement et correctement remplie, veuillez fournir les renseignements suivants.

1. NUMERO DU MODELE
2. NO. DE REF
3. NO. DE PIECE
4. DESCRIPTION

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100

★ MARKIERUNG : ERSATZTEILE-LIEFERUNG

DUNTKC267VJ24
DVI UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1900	VHiSii907++-1Q	J	SII907BCQG52	BG
IC1901	VHiAD8185++-1Y	J	AD8185ARU	AW
IC1902	VHiLM2664++-1Y	J	LM2664M6X	AK
IC1903	VHiVHCT125A-1Y	J	TC74VHCT125AFT	AE
IC1904	VHiNC7WZ14P-1Y	J	NC7WZ14P6X	AD
IC1911	VHi24LC2BiN2ES	J	24LC02B-I/SN	AH
IC1912	VHiSii9993+-1Q	J	SII9993CTG100	BF
IC1913	VHi24LC2BiN4ES	J	24LC02B-I/SN	AH
IC1914	VHiM62320FP-1Y	J	M62320FP	AH
IC1915	VHi24LC21+13ES	J	24LC21T-I/SN	AK
IC1916	VHiPQ1R33//-1Y	J	PQ1R33	AE
IC1917	VHiPCA9559+-1Y	J	PCA9559PW	AN
IC1918	VHiTC4053BT-1Y	J	TC4053BFT	AG

TRANSISTORS

Q1900	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1901	VS2SK536///-1Y	J	2SK536	AE
Q1902	VS2SK536///-1Y	J	2SK536	AE
Q1903	VS2SK536///-1Y	J	2SK536	AE
Q1904	VS2SK536///-1Y	J	2SK536	AE
Q1905	VS2SK536///-1Y	J	2SK536	AE
Q1906	VS2SK536///-1Y	J	2SK536	AE
Q1907	VSiMD2A////-1Y	J	IMD2A	AC
Q1912	VS2SC3928AR-1Y	J	2SC3928AR	AB

DIODES

D1900	VHDMA3120WA-1Y	J	Diode	AD
D1901	VHDMA3120WA-1Y	J	Diode	AD
D1902	VHDMA3120WA-1Y	J	Diode	AD
D1903	RH-EX1247CEZZY	J	Zener Diode	AB
D1904	RH-EX1247CEZZY	J	Zener Diode	AB
D1905	VHDHSU119//-1Y	J	Diode	AB
D1906	VHDDAN202K/-1Y	J	Diode	AB
D1907	RH-EX1250CEZZY	J	Zener Diode	AB
D1908	RH-EX1250CEZZY	J	Zener Diode	AB
D1909	VHDDAN202K/-1Y	J	Diode	AB
D1910	VHDHSU119//-1Y	J	Diode	AB
D1913	VHD1SS355//-1Y	J	Diode	AB

CAPACITORS

C1900	VCCCCY1HH101JY	J	100p 50V Ceramic	AA

DUNTKC267VJ24

DVI UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C1901	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1902	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1903	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1904	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1905	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1906	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1907	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1908	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1909	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1910	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1911	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1912	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1913	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1914	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1915	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1916	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1917	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1918	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1919	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1920	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1921	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1922	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1923	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1924	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1925	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1926	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1927	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1928	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1929	RC-KZA074WJZZY	J	4.7	16V	Ceramic	AC
C1930	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1931	RC-KZA074WJZZY	J	4.7	16V	Ceramic	AC
C1932	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1933	RC-KZA074WJZZY	J	4.7	16V	Ceramic	AC
C1934	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1935	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C1936	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1937	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1938	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1939	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1940	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1941	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1942	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1943	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1944	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1945	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1946	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1947	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1948	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1949	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1950	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1951	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1952	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1953	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1954	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C1955	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1956	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1957	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1958	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1959	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C1960	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1961	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1962	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C1963	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C1964	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C1975	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1976	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1977	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1978	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1979	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1980	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1981	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1982	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1983	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1984	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1985	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1986	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1987	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1988	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C1989	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1990	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1991	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1992	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1993	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1994	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1995	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1996	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1997	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1998	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1999	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2900	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2901	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C2902	VCAAPC1AJ106MY	J	10	10V	Electrolytic	AE
C2903	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2904	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C2905	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2906	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2907	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2908	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C2909	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2910	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C2911	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2912	VCAAPC1AJ336MY	J	33	10V	Electrolytic	AG
C2913	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C2914	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2915	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2916	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2920	VCEASY1CN226MY	J	22	16V	Electrolytic	AC

RESISTORS

Ref. No.	Part No.	★	Description			Code
R1900	VRS-CY1JF391FY	J	390	1/16W	Metal Oxide	AA
R1901	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1902	VRS-CA1JF220JY	J	22	1/16W	Metal Oxide	AA
R1903	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R1904	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R1905	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1906	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1907	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1908	VRS-CY1JF181FY	J	180	1/16W	Metal Oxide	AA
R1909	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1910	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1911	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1912	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R1913	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1914	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R1915	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1916	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R1917	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1918	VRS-TQ2BD820JY	J	82	1/8W	Metal Oxide	AA
R1919	VRS-TQ2BD820JY	J	82	1/8W	Metal Oxide	AA
R1920	VRS-TQ2BD820JY	J	82	1/8W	Metal Oxide	AA
R1921	VRS-CY1JF203JY	J	20k	1/16W	Metal Oxide	AA
R1922	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R1923	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R1924	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R1925	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1926	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R1927	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R1928	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1929	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R1930	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1931	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R1932	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R1933	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R1939	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1945	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1946	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA

DUNTKC267VJ24
DVI UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R1947	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1948	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1949	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1950	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1951	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1952	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1953	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1954	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1955	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1956	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1957	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1958	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1959	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1960	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1961	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1962	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R1963	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1964	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R1965	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1966	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1967	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1968	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1969	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1970	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1971	VRS-CY1JF391FY	J	390 1/16W Metal Oxide	AA
R1972	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1973	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1974	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1975	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1978	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1979	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1981	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1983	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1984	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1985	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1986	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1987	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1988	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1989	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1992	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1993	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1994	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1995	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1996	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1998	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1999	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2900	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2901	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2904	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2905	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2906	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2907	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2908	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2913	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2916	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2917	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2918	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2919	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2924	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R2938	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2939	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R2940	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R2941	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R2942	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R2945	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2946	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2947	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2948	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R2949	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2950	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2951	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB1900	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1901	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1902	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1903	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1904	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1905	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1906	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1907	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1908	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1909	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1910	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1911	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1912	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1913	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1914	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1915	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1916	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1917	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1918	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1919	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1920	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1921	RBLN-1043CEZZY	J	Ferrite Bead	AB
J1900	QJAKJ0066CEZZ	J	AUDIO(R/L)(INPUT5)	AE
P1900	QPLGN1064TAZZY	J	Plug, 10-pin(MD)	AF
P1901	QPLGN0573FJZZY	J	Plug, 11-pin(ME)	AE
P1902	QPLGN0464TAZZY	J	Plug, 4-pin(AD)	AC
P1903	QPLGN0574FJZZY	J	Plug, 12-pin(MF)	AE
P1904	QPLGN0564FJZZY	J	Plug, 2-pin(AH)	AD
SC1900	QSOCZA065WJZZ	J	DVI-I(INPUT5)	AH
SC1901	QSOCZA072WJZZQ	J	HDMI(INPUT4)	AH
LUG1910	QLUGZA002WJZZY	J	Lug	AC
LUG1911	QLUGZA002WJZZY	J	Lug	AC
LUG1912	QLUGZA002WJZZY	J	Lug	AC
LUG1916	QLUGHA006WJZZY	J	Lug	AC
LUG1917	QLUGHA006WJZZY	J	Lug	AC
LUG1918	QLUGHA006WJZZY	J	Lug	AC
LUG1919	QLUGHA006WJZZY	J	Lug	AC
	PSLDMA422WJFW	J	DVI Shield	AF
	PSLDMA423WJFW	J	HDMI Shield	AF
	QCNW-C520WJPZ	J	Connecting Cord	AN
	QCNW-C688WJPZ	J	Connecting Cord	AX
	QEARZA066WJZZ	J	Grounding Part	AC
	PMLT-A145WJZZ	J	Spacer, x1	AD
	LANGKA287WJFW	J	Fixing Metal	AP
	NSFTZ0134CEFW	J	Shaft Screw, x2	AD
	LHLDWA035WJZZ	J	Wire Holder, x1	AC
	XBPSN30P06WS0	J	Screw, x4	AA

DUNTKC268VJ30
LCD CONTROL UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC2001	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC2003	VHiLTC1694C-1Y	J	LTC1694CS5#TR	AM
IC2004	RH-iXA870WJZZQ	J	HD64F3687H	AY
IC2006	VHiT7SET32U-1Y	J	I.C.	AD
IC2008	VHiBR24C08F-1Y	J	BR24C08F-E2	AF
IC2010	VHiM62392FP-1Y	J	M62392FP	AM
IC2014	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC2015	VHiSN2G66CT-1Y	J	SN74AHC2G66HDC	AE
IC2016	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC2017	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC4101	RH-iXA706WJZZQ	J	IR3E12M1	AN
IC4102	VHiNJM4580V-1Y	J	NJM4580V	AE
IC4104	RH-iXA867WJZZY	J	EL52251RZ-T7	AS
IC4105	RH-iXA867WJZZY	J	EL52251RZ-T7	AS
IC4107	VHiLP2951CM-1Y	J	LP2951CMX	AL
IC4108	VHiPQ1CZ41H-1Y	J	PQ1CZ41H2ZP	AG
IC4109	VHiLT1615ES-1Y	J	LT1615ES5	AP
IC4114	VHiLT1617ES-1Y	J	LT1617ES5	AP
IC4116	VHiLTC1872+-1Y	J	LTC1872ES6	AR
IC4501	RH-iXA865WJZZQ	J	XC3S200-4FT256	BH
IC4502	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC4503	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC4505	RH-iXA963WJN3Y	J	I.C.	AX
IC4506	VHiPST3629N-1Y	J	PST3629NR	AD
IC4601	VHiPQ1R33//-1Y	J	PQ1R33	AE
IC4602	VHiTLVD824+-1Q	J	THC63LVD824	AY
IC4603	VHiT7WH123U-1Y	J	TC7WH123FU	AD
IC4701	RH-iXA332WJZZQ	J	XC2S150-5PQ208	BM
IC4702	RH-iXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC4901	RH-iXA332WJZZQ	J	XC2S150-5PQ208	BM
IC4902	RH-iXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC7701	VHiAN8005M/-1Y	J	AN8005M	AD
IC7702	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC7703	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC7704	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC7705	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC7706	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC7709	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC7710	VHiPQ015YZ5-1Y	J	PQ015YZ5MZP	AF
IC7711	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q2002	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2003	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2004	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2007	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2012	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2013	VS2SK536///-1Y	J	2SK536	AE
Q2014	VS2SK536///-1Y	J	2SK536	AE
Q4101	VS2SD1664Q+-1Y	J	2SD1664Q	AC
Q4103	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q4104	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4105	VSTP0610T++-1Y	J	TP0610T	AD
Q4106	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4108	VS2SK1826++-1Y	J	2SK1826	AC
Q4109	VS2SK1826++-1Y	J	2SK1826	AC
Q4110	VSSi4884DY+-1Y	J	SI4884DY-T1	AG
Q4112	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q4601	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4602	VSDTC144EE/-1Y	J	DTC144EE	AA
Q7702	VSDTA114EE/-1Y	J	DTA114EE	AB
Q7703	VSDTC114EE/-1Y	J	DTC114EE	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D2002	VHD1SS355//-1Y	J	Diode	AB
D2003	VHD1SS355//-1Y	J	Diode	AB
D2004	VHDMA157A//-1Y	J	Diode	AC
D2005	VHD1SS355//-1Y	J	Diode	AB
D4101	VHDHSU119//-1Y	J	Diode	AB
D4102	VHDSFPB74//2EY	J	Diode	AD
D4103	VHDHSU119//-1Y	J	Diode	AB
D4104	VHDHSU119//-1Y	J	Diode	AB
D4105	VHDSFPB54//2EY	J	Diode	AC
D4106	RH-EX1274CEZZY	J	Zener Diode, 13V	AB
D4107	VHDHSU119//-1Y	J	Diode	AB
D4108	VHDSFPB54//2EY	J	Diode	AC
D4109	VHDSFPB74//2EY	J	Diode	AD
D4110	VHDDA221///-1Y	J	Diode	AB
D4501	VHDDAN222//-1Y	J	Diode	AA
D4601	VHD1SS355//-1Y	J	Diode	AB
D7703	VHDHSU119//-1Y	J	Diode	AB
D7704	VHDSFPB54//2EY	J	Diode	AC
D7705	VHDSFPB54//2EY	J	Diode	AC
D7707	VHDSFPB54//2EY	J	Diode	AC
D7710	VHDHSU119//-1Y	J	Diode	AB
D7711	VHDDAN222//-1Y	J	Diode	AA
D7712	VHDSC8024//-1Y	J	Diode	AC
D7713	VHDSC8024//-1Y	J	Diode	AC
D7714	VHDSFPB54//2EY	J	Diode	AC
D7715	VHDDAN222//-1Y	J	Diode	AA
D7716	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D7717	RH-EX1264CEZZY	J	Zener Diode, 10V	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X2001	RCRSC0032TAZZY	J	Crystal	AG
X4501	RCRSZA025WJZZY	J	Crystal, 83.57MHz	AM

FILTERS AND COILS

Ref. No.	Part No.	★	Description	Code
FL2001	RFiLZ0169TAZZY	J	Filter	AD
FL4103	RFiLNA002WJZZY	J	Filter	AD
FL4651	RFiLNA002WJZZY	J	Filter	AD
FL4652	RFiLNA002WJZZY	J	Filter	AD
FL4653	RFiLNA002WJZZY	J	Filter	AD
FL4654	RFiLNA002WJZZY	J	Filter	AD
L4101	RCiLP0343TAZZY	J	Coil	AD
L4102	RCiLCA039WJZZY	J	Coil	AF
L4103	RCiLP0355TAZZY	J	Coil	AD
L4104	RCiLP0343TAZZY	J	Coil	AD
L4105	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB
L4106	RCiLPA001WJZZY	J	Coil	AF
L4107	VPBWM220K1R2NY	J	Peaking 22µH	AC
L4108	VPBWM220K1R2NY	J	Peaking 22µH	AC
L4109	RCiLP0343TAZZY	J	Coil	AD
L4110	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB
L7701	RCiLP0343TAZZY	J	Coil	AD
L7702	RCiLP0303TAZZY	J	Coil	AG
L7704	RCiLP0301TAZZY	J	Coil	AF
L7707	RCiLP0343TAZZY	J	Coil	AD
L7708	RCiLP0343TAZZY	J	Coil	AD
L7710	RCiLP0343TAZZY	J	Coil	AD
L7711	RCiLP0305TAZZY	J	Coil	AE
L7712	RCiLP0305TAZZY	J	Coil	AE
L7713	RCiLP0343TAZZY	J	Coil	AD

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C2001	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2003	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2004	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2006	VCCCCY1HH220JY	J	22p 50V Ceramic	AA
C2007	VCCCCY1HH220JY	J	22p 50V Ceramic	AA
C2008	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2009	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2010	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2012	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2013	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2014	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2015	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2016	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2017	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2019	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2020	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2021	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2022	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C2023	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2024	VCCCCY1HH102JY	J	1000p 50V Ceramic	AB

DUNTKC268VJ30
LCD CONTROL UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C2025	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2032	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2034	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2035	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2036	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4101	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4103	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4104	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4105	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4106	RC-KZA107WJZZY	J	4.7	16V	Ceramic	AC
C4107	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4108	RC-KZA107WJZZY	J	4.7	16V	Ceramic	AC
C4109	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C4110	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4112	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4114	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4115	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4116	RC-KZA047WJZZY	J	1	50V	Ceramic	AC
C4117	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C4119	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4120	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C4122	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4123	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4124	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C4126	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4129	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4130	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4131	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4135	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4136	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4137	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4138	VCEASY1EN227MY	J	220	25V	Electrolytic	AD
C4139	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4141	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4142	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4145	RC-KZA107WJZZY	J	4.7	16V	Ceramic	AC
C4146	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C4153	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4155	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4156	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4159	VCEASY1EN476MY	J	47	25V	Electrolytic	AC
C4160	VCEASY1HN106MY	J	10	50V	Electrolytic	AC
C4161	RC-KZA107WJZZY	J	4.7	16V	Ceramic	AC
C4162	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C4163	RC-KZA047WJZZY	J	1	50V	Ceramic	AC
C4164	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C4165	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4166	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C4168	RC-KZA083WJZZY	J	10	10V	Ceramic	AC
C4169	VCAAPF1DJ396MY	J	39	20V	Electrolytic	AF
C4170	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4174	RC-KZA083WJZZY	J	10	10V	Ceramic	AC
C4176	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4177	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4179	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4180	VCEASY1EN227MY	J	220	25V	Electrolytic	AD
C4181	RC-KZA107WJZZY	J	4.7	16V	Ceramic	AC
C4183	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4184	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4192	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C4195	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4196	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C4197	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4501	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4502	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4503	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4504	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4505	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4506	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4507	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4508	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4509	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4510	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4511	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4512	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4513	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4514	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4515	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4516	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4518	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C4519	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4520	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4521	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4522	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4523	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4524	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4525	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4526	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4527	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4528	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4529	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4530	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4531	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4532	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4533	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C4534	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4535	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4536	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4537	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4538	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4539	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4540	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4601	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C4602	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C4603	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4604	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C4605	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4606	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4607	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4608	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4609	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4610	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4611	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4612	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4613	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4614	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4615	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4616	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4617	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4618	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4619	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4620	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4621	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4622	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4623	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4651	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C4652	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4653	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4654	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4655	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C4656	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4657	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4658	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4701	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4702	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4703	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4704	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4705	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4706	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4707	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4708	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4709	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4710	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4711	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4712	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4713	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

DUNTKC268VJ30

LCD CONTROL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C4714	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4715	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4716	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4717	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4718	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4719	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4720	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4721	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4722	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4723	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4724	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4725	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4726	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4727	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4728	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4729	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4730	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4731	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4732	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4901	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4902	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4903	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4904	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4905	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4906	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4907	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4908	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4909	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4910	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4911	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4912	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4913	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4914	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4915	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4916	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4917	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4918	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4919	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4920	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4921	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4922	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4923	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4924	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4925	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4926	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4927	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4928	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4933	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4934	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4935	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4936	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7701	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C7702	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7703	VCEASX1CN226MY	J	22 16V Electrolytic	AC
C7704	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7705	VCEASY1EN107MY	J	100 25V Electrolytic	AC
C7706	VCCCCY1HH681JY	J	680p 50V Ceramic	AB
C7707	VCEASY1EN227MY	J	220 25V Electrolytic	AD
C7708	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7709	VCEASY1EN227MY	J	220 25V Electrolytic	AD
C7710	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7712	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7713	VCCCCY1HH681JY	J	680p 50V Ceramic	AB
C7715	VCCCCY1HH681JY	J	680p 50V Ceramic	AB
C7720	VCEASY1CN337MY	J	330 16V Electrolytic	AD
C7721	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7722	VCEASY1EN477MY	J	470 25V Electrolytic	AE
C7723	VCEASY1CN477MY	J	470 16V Electrolytic	AD
C7724	VCEASY1CN477MY	J	470 16V Electrolytic	AD
C7726	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7728	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7729	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7730	VCKYCY1CF334ZY	J	0.33 16V Ceramic	AB
C7731	VCKYCY1CF334ZY	J	0.33 16V Ceramic	AB
C7732	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C7733	VCEASY1EN107MY	J	100 25V Electrolytic	AC
C7734	VCCCCY1HH681JY	J	680p 50V Ceramic	AB
C7735	VCEASY1CN477MY	J	470 16V Electrolytic	AD
C7736	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R2002	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2003	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2004	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2005	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2006	VRS-CJ1JF333JY	J	33k 1/16W Metal Oxide	AA
R2007	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2008	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2009	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2010	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2011	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2012	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2013	VRS-CY1JF393JY	J	39k 1/16W Metal Oxide	AA
R2016	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2017	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R2018	VRS-CY1JF106JY	J	10M 1/16W Metal Oxide	AA
R2019	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2020	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2021	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2022	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2023	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2024	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2025	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2027	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2028	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2029	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2030	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2031	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2036	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2037	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R2038	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2039	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2040	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2041	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2042	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2043	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2044	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2045	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2046	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2047	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R2048	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2049	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2050	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R2051	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2052	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2053	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2054	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2055	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2056	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2060	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2061	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2062	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2063	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2064	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2065	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2066	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2068	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2070	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2072	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2073	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2074	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2075	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2076	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2077	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2081	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2088	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA

DUNTKC268VJ30
LCD CONTROL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R2089	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2092	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2093	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R2095	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2098	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2099	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2600	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2601	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2602	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2603	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2604	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2607	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2608	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2609	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2610	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2611	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2612	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2613	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R2614	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2616	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2617	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2618	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2620	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2623	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R4101	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4102	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R4103	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R4109	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R4112	VRS-CY1JF153FY	J	15k 1/16W Metal Oxide	AA
R4113	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4115	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4120	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4121	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4122	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4123	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4124	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R4125	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4126	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4129	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R4130	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4135	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R4139	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4146	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4147	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4151	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4155	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R4156	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4160	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R4161	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4165	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4166	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4177	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4178	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4181	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4182	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R4185	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R4186	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4187	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4188	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4193	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4194	VRS-CY1JF121JY	J	120 1/16W Metal Oxide	AA
R4196	VRS-CY1JF750FY	J	75 1/16W Metal Oxide	AA
R4198	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R4199	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4204	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4206	VRS-TV1JD102JY	J	1k 1/10W Metal Oxide	AA
R4210	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4211	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4212	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4216	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4217	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4218	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R4219	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4220	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4221	VRS-TW2ED153JY	J	15k 1/4W Metal Oxide	AA
R4222	VRS-TW2ED562JY	J	5.6k 1/4W Metal Oxide	AB
R4223	RR-NZ0027TAZZY	J	0.056 1/2W Metal Oxide	AC
R4224	VRS-TV1JD222JY	J	2.2k 1/10W Metal Oxide	AA
R4225	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4226	VRS-TV1JD222JY	J	2.2k 1/10W Metal Oxide	AA
R4227	VRS-TW2ED821JY	J	820 1/4W Metal Oxide	AB
R4228	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4229	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4230	VRS-CY1JF202FY	J	2.0k 1/16W Metal Oxide	AA
R4231	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R4233	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R4234	VRS-CY1JF154FY	J	150k 1/16W Metal Oxide	AA
R4235	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4238	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R4239	VRS-TW2ED682JY	J	6.8k 1/4W Metal Oxide	AA
R4244	VRS-TW2ED562JY	J	5.6k 1/4W Metal Oxide	AB
R4250	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4256	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4260	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4261	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R4262	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4263	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4264	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R4270	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4271	VRS-CY1JF911FY	J	910 1/16W Metal Oxide	AA
R4272	VRS-CY1JF243FY	J	24k 1/16W Metal Oxide	AA
R4273	VRS-CY1JF513JY	J	51k 1/16W Metal Oxide	AA
R4274	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4275	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R4501	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4502	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4503	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4504	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4505	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4506	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4507	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4508	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4509	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4510	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4515	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R4516	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R4517	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4524	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4525	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4526	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4531	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4532	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4534	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4535	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4536	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4538	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4543	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4544	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4545	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R4546	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4547	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4601	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4602	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4603	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4604	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4605	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4606	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4607	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4608	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4609	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4610	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4613	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R4614	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R4617	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4618	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4619	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA

DUNTKC268VJ30

LCD CONTROL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R4620	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4621	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4622	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4623	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4651	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4652	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4653	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4654	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4655	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4656	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4701	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4702	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4703	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4704	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4705	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4706	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4710	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4711	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4712	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4713	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4714	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4715	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4716	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4717	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4718	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4719	VRS-CH1JF390JY	J	39 1/16W Metal Oxide	AA
R4720	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4721	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4722	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4723	VRS-CH1JF390JY	J	39 1/16W Metal Oxide	AA
R4901	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4902	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4903	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4904	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4905	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4906	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4907	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4911	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4915	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4916	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4917	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4918	VRS-CH1JF390JY	J	39 1/16W Metal Oxide	AA
R4919	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4920	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4924	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4925	VRS-CH1JF390JY	J	39 1/16W Metal Oxide	AA
R4926	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4929	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4930	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7701	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R7702	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R7704	VRS-CY1JF202FY	J	2.0k 1/16W Metal Oxide	AA
R7705	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7706	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7707	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R7708	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7709	VRS-CY1JF432FY	J	4.3k 1/16W Metal Oxide	AA
R7710	VRS-CY1JF753FY	J	75k 1/16W Metal Oxide	AA
R7711	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7712	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7713	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7714	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7715	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7716	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R7717	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7719	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R7720	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R7721	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7729	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R7730	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R7731	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R7732	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R7733	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R7734	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R7735	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7736	VRS-CY1JF622FY	J	6.2k 1/16W Metal Oxide	AA
R7738	VRS-CJ1JF223JY	J	22k 1/16W Metal Oxide	AA
R7740	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R7741	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R7742	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7743	VRS-CY1JF201FY	J	200 1/16W Metal Oxide	AA
R7744	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R7745	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7746	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R7747	VRS-TW2ED330JY	J	33 1/4W Metal Oxide	AA
R7748	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7749	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7750	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R7751	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7752	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB2001	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB2003	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2004	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2005	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2006	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2007	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2008	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2009	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2016	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2021	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2022	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2023	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4101	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB4102	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB4501	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4502	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4504	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4601	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB4602	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB4603	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB4701	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4702	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4901	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4902	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB7705	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7706	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB7708	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB7709	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7710	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB7711	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB7712	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7713	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7716	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7717	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7718	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7719	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7720	RBLN-0252TAZZY	J	Ferrite Bead	AA
P2001	QPLGN0544FJZZY	J	Plug, 7-pin(AD)	AD
P2002	QPLGNA059WJZZ	J	Plug, 5-pin(KM)	AC
P2003	QPLGNA043WJZZ	J	Plug, 4-pin(ST)	AB
P2004	QPLGNA048WJZZ	J	Plug, 9-pin(RM)	AC
P2006	QPLGN0064CEZZY	J	Plug, 14-pin(SH)	AE
P4501	QPLGN0547FJZZY	J	Plug, 10-pin	AE
P7704	QPLGNA062WJZZ	J	Plug, 8-pin(GV)	AC
P7705	QPLGNA066WJZZ	J	Plug, 12-pin(BL)	AD
P7706	QPLGN0175FJZZY	J	Plug, 3-pin(FA)	AC
P7707	QPLGNA046WJZZ	J	Plug, 7-pin(PO)	AC
P7708	QPLGN0175FJZZY	J	Plug, 3-pin(FB)	AC
SC4601	QSOCN0491FJZZY	J	Socket, 33-pin(LV)	AF
SC4651	QSOCNA222WJZZY	J	Socket, 80-pin	AH
SC4652	QSOCNA222WJZZY	J	Socket, 80-pin	AH
LUG7701	QLUGHA006WJZZY	J	Lug	AC
LUG7702	QLUGHA006WJZZY	J	Lug	AC
LUG7703	QLUGHA006WJZZY	J	Lug	AC

DUNTKC268VJ30
LCD CONTROL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
LUG7704	QLUGHA006WJZZY	J	Lug	AC
LUG7705	QLUGHA006WJZZY	J	Lug	AC
LUG7706	QLUGHA006WJZZY	J	Lug	AC
	QCNW-C239WJQZ	J	Connecting Cord	AQ
	QCNW-C245WJQZ	J	Connecting Cord	AN
	QCNW-C257WJQZ	J	Connecting Cord	AK
	QCNW-C258WJQZ	J	Connecting Cord	AG

DUNTKC427VJ13
CPU UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC8101	RH-iXA817WJZZQ	J	HD6417706F133V	BC
IC8201	RH-iXA948WJZZQ	J	LC4128V-75T100	AW
IC8301	RH-iXA995WJZZQ	J	K4S281632E-TC7	AZ
IC8303	RH-iXA995WJZZQ	J	K4S281632E-TC7	AZ
IC8304	RH-iXA873WJZZY	J	PCA9564PW_118	AS
IC8305	RH-iXA873WJZZY	J	PCA9564PW_118	AS
IC8401	VHiTC6384AF-2Q	J	TC6384AF-0001	AX
IC8501	VHi7WH126FU-1Y	J	TC7WH126FU	AE
IC8502	VHiPQ1CZ41H-1Y	J	PQ1CZ41H2ZP	AG
IC8503	VHiPQ070XZ1-1Y	J	PQ070XZ01ZP	AF
IC8504	VHiMLC157DT-1Y	J	MC74LCX157DTR2	AE
IC8505	VHiPQ1X331M-1Y	J	PQ1X331M2ZP	AD

Note: If you replace the following parts, it becomes unit replacement correspondence.

Ref. No.	Part No.	★	Description	Code
IC8302	—	–	64M Flash Memory	—

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q8301	VSRT1N141U/-1Y	J	RT1N141U	AB
Q8302	VS2SA1362GR-1Y	J	2SA1362GR	AC
Q8401	VSRTQ035P02-1Y	J	RTQ035P02	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D8101	RH-PXA018WJZZY	J	GM1HD55200A	AC
D8102	RH-PXA018WJZZY	J	GM1HD55200A	AC
D8301	VHD1SS355//-1Y	J	Diode	AB
D8501	VHDFS1J3///-1Y	J	Diode	AD

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X8102	RCRSCA045WJZZY	J	Crystal, 12.288MHz	AG

COIL

Ref. No.	Part No.	★	Description	Code
L8501	RCiLPA158WJZZY	J	Coil	AE

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C8103	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8104	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8105	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8106	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8107	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8108	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8109	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8110	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8111	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8112	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8113	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8114	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8115	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C8116	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8117	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C8118	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C8119	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C8120	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8121	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8122	RC-KZA067WJZZY	J	4.7	10V	Ceramic	AB
C8123	RC-KZA067WJZZY	J	4.7	10V	Ceramic	AB
C8201	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8202	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8203	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8204	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8205	RC-KZA067WJZZY	J	4.7	10V	Ceramic	AB
C8301	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8302	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8303	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8304	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8305	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8306	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8307	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8308	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8309	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

DUNTKC427VJ13
CPU UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C8310	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8311	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8312	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8313	RC-KZA067WJZZY	J	4.7 10V Ceramic	AB
C8401	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8402	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8403	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8404	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8405	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8406	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8407	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8408	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8411	RC-KZA067WJZZY	J	4.7 10V Ceramic	AB
C8501	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C8502	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8503	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8504	RC-KZA076WJZZY	J	4.7 16V Ceramic	AC
C8505	VCAAPF1AJ566MY	J	56 10V Electrolytic	AE
C8506	VCKYCY1CB223KY	J	0.022 16V Ceramic	AB
C8507	VCKYCY1HB471KY	J	470p 50V Ceramic	AA
C8508	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C8509	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C8510	RC-KZA067WJZZY	J	4.7 10V Ceramic	AB
C8511	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C8512	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C8516	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R8105	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8106	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8107	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8108	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8109	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8110	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8111	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8112	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8113	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8114	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8115	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8116	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8117	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8118	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8119	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8120	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8122	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8124	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8126	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8128	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8133	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8134	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8137	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8139	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8141	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8142	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8145	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8147	VRS-CY1JF106JY	J	10M 1/16W Metal Oxide	AA
R8148	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8149	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8150	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R8151	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R8152	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8154	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8156	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8157	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8159	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8160	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8161	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8162	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8163	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8164	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8165	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8166	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8167	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8170	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8172	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8173	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8179	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8180	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R8181	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R8182	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8183	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8201	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8202	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8203	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8204	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8205	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8206	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8207	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8208	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8209	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8210	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8211	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8212	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8213	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8214	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8215	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8216	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8217	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8218	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8219	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8220	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8221	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8222	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8223	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8224	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8225	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8226	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8227	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8228	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8229	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8230	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8231	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8232	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8233	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8234	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8235	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8236	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8302	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8303	VRS-TV1JD222JY	J	2.2k 1/10W Metal Oxide	AA
R8304	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R8305	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8306	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8307	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8308	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8309	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8310	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8311	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8312	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8313	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8314	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8315	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8316	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8317	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8318	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8319	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8320	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8321	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8323	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8324	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8401	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8402	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8403	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8404	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8405	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8406	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8407	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

DUNTKC427VJ13
CPU UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R8408	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8409	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8410	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8411	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8412	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8413	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8414	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8415	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8416	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8417	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8418	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R8419	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R8420	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R8421	VRS-CH1JF563JY	J	56k 1/16W Metal Oxide	AA
R8422	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8423	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8424	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8425	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8501	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R8502	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8503	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8504	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8505	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8506	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8507	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R8508	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R8509	VRS-CY1JF153FY	J	15k 1/16W Metal Oxide	AA
R8510	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8511	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R8512	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R8513	VRS-CY1JF752FY	J	7.5k 1/16W Metal Oxide	AA
R8514	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8515	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8516	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8523	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8524	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8529	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8531	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8534	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8535	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8536	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8537	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8538	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R8539	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8541	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8542	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8543	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8544	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8547	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8548	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB8101	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8102	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8103	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8201	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8301	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8401	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB8501	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB8502	RBLN-0254TAZZY	J	Ferrite Bead	AB
P8201	QPLGN0056CEZZY	J	Plug, 6-pin	AD
P8502	QPLGN0546FJZZY	J	Plug, 9-pin(DP)	AE
P8503	QPLGN0060CEZZY	J	Plug, 10-pin	AE
P8505	QCNCMA170WJZZQ	J	Connector, 80-pin	AL
P8506	QPLGN0567FJZZY	J	Plug, 5-pin(DU)	AD
SC8401	QSOCZA050WJZZY	J	SD Card Socket	AH
LUG8212	QLUGHA006WJZZY	J	Lug	AC
LUG8214	QLUGHA006WJZZY	J	Lug	AC

DUNTKC544VJ03
PC CARD UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC5001	RH-iXA805WJZZQ	J	TMS320DM270GHK	BG
IC5003	RH-iXA970WJN5Q	J	I.C.	AW
IC5004	VHiPQ070XZ1-1Y	J	PQ070XZ01ZP	AF
IC5006	RH-iXA913WJZZQ	J	MT48LC4M32B2TG	BA
IC5101	VHiDS90C385-1Y	J	DS90C385MTDX	AP
IC5102	VHiDS90C386-1Y	J	DS90CF386MTDX	AP
IC5103	RH-iXA828WJZZY	J	BD9300FV-FE2	AH
IC5201	RH-iXA420WJZZQ	J	TMS320DA150GGU	BE
IC5601	VHiLV244AT+-1Y	J	SN74LV244APWR	AF
IC5602	VHiTC7W08U/-1Y	J	TC7W08FU	AD
IC5603	VHiLV244AT+-1Y	J	SN74LV244APWR	AF
IC5604	VHiLV244AT+-1Y	J	SN74LV244APWR	AF
IC5605	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC5606	VHiLV245AT+-1Y	J	SN74LV245APWR	AF
IC5607	VHiLV245AT+-1Y	J	SN74LV245APWR	AF
IC5608	VHiLV244AT+-1Y	J	SN74LV244APWR	AF
IC5609	VHiNC7WZ125-1Y	J	NC7WZ125	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q5001	VS2SA1362GR-1Y	J	2SA1362GR	AC
Q5002	VSDTC144EE/-1Y	J	DTC144EE	AA
Q5102	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q5103	VSUML2N++++-1Y	J	UML2N	AC
Q5105	VSRSS040P03-1Y	J	RSS040P03	AE
Q5601	VSDTC144EE/-1Y	J	DTC144EE	AA
Q5602	VSDTC144EE/-1Y	J	DTC144EE	AA

DIODES

Ref. No.	Part No.	★	Description	Code
D5002	RH-FXA008WJZZY	J	GP1S092HCPIF	AD
D5101	VHDRB051L40-1Y	J	Diode	AD

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X5001	RCRUAA008WJZZY	J	Crystal	AM
X5201	RCRSC0186TAZZY	J	Crystal	AK

COILS

Ref. No.	Part No.	★	Description	Code
L5101	VPD9M100J1R7NY	J	Peaking 10µH	AC
L5102	VPD9M100J1R7NY	J	Peaking 10µH	AC
L5103	RCiLPA154WJZZY	J	Coil	AE

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C5000	VCCCCY1HH100DY	J	10p 50V Ceramic	AA
C5001	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5002	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5003	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5004	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5005	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5006	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5007	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5008	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5009	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5010	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5011	RC-KZA108WJZZY	J	10 10V Ceramic	AC
C5012	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5013	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5015	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5016	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5017	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5018	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5019	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5020	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5021	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5022	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5023	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5024	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5025	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5026	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5027	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5028	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

DUNTKC544VJ03

PC CARD UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C5029	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5030	RC-KZA108WJZZY	J	10 10V Ceramic	AC
C5034	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5035	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5101	RC-KZA108WJZZY	J	10 10V Ceramic	AC
C5102	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C5103	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5104	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C5105	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5106	RC-KZA108WJZZY	J	10 10V Ceramic	AC
C5107	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C5108	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5109	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5110	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C5111	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C5112	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5113	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5114	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C5115	VCKYTV1CF105ZY	J	1 16V Ceramic	AB
C5116	VCKYTV1CF105ZY	J	1 16V Ceramic	AB
C5117	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C5118	VCCCCY1HH330JY	J	33p 50V Ceramic	AA
C5119	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C5120	VCCCCY1HH181JY	J	180p 50V Ceramic	AA
C5121	RC-KZA113WJZZY	J	4.7 16V Ceramic	AB
C5122	VCCCCY1HH102JY	J	1000p 50V Ceramic	AB
C5123	RC-KZA108WJZZY	J	10 10V Ceramic	AC
C5126	RC-KZA110WJZZY	J	10 25V Ceramic	AD
C5127	VCCCCY1HH100DY	J	10p 50V Ceramic	AA
C5201	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5202	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5203	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5204	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5205	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5206	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5207	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5208	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5209	VCCCCY1HH6R0DY	J	6p 50V Ceramic	AA
C5210	VCCCCY1HH6R0DY	J	6p 50V Ceramic	AA
C5601	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5603	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5604	RC-KZA108WJZZY	J	10 10V Ceramic	AC
C5605	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5606	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5607	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5608	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5609	RC-KZA108WJZZY	J	10 10V Ceramic	AC
C5610	RC-KZA108WJZZY	J	10 10V Ceramic	AC
C5612	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5613	RC-KZA108WJZZY	J	10 10V Ceramic	AC
C5614	RC-KZA108WJZZY	J	10 10V Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5002	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5003	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5004	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5005	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R5006	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5007	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5008	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5009	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5010	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5011	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5012	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5013	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5015	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5016	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5017	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5018	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5019	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5020	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5021	VRS-CY1JF221FY	J	220 1/16W Metal Oxide	AA
R5022	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R5025	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5026	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5030	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5031	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R5032	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R5033	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5034	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5035	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5036	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5037	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5041	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5042	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5043	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5055	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5056	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5057	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5058	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5059	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5060	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5061	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5062	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5063	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5064	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5065	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5066	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5067	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5068	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5069	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5070	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5071	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5072	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5073	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5074	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5075	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5076	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5077	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5078	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5079	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5080	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5081	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5101	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5102	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5103	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5105	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5106	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5107	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5108	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5109	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5114	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R5115	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R5116	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R5117	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R5118	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5119	VRS-CY1JF203FY	J	20k 1/16W Metal Oxide	AA
R5120	VRS-CY1JF303FY	J	30k 1/16W Metal Oxide	AA
R5122	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R5123	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5124	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5125	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R5128	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5134	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5137	VRS-CY1JF511JY	J	510 1/16W Metal Oxide	AA
R5138	VRS-CY1JF511JY	J	510 1/16W Metal Oxide	AA
R5139	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R5140	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R5141	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5142	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5144	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5201	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5202	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5203	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5204	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5205	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA

DUNTKC544VJ03
PC CARD UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R5206	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5207	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5208	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5209	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5210	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5211	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5212	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R5214	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5601	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5602	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5603	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5604	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5605	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5606	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5607	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5609	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5610	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5611	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5612	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5613	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5614	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5616	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R5617	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R5618	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5619	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5621	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R5623	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5624	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5625	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5626	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5627	VRS-CJ1JF104JY	J	100k 1/16W Metal Oxide	AA
R5628	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5629	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5630	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5632	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R5634	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R5636	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

SWITCH

Ref. No.	Part No.	★	Description	Code
S3001	QSW-K0065GEZZY	J	MAIN POWER	AD

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB5101	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB5102	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB5103	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB5104	RBLN-0060TAZZY	J	Ferrite Bead	AB
P5002	QPLGN0062CEZZY	J	Plug, 12-pin	AE
SC5102	QSOCNA239WJZZY	J	Socket, 32-pin	AP
SC5601	QSOCNA003WJZZY	J	Socket, 100-pin	AM
SC5602	QCNCMA161WJSAQ	J	PC Card Socket	AV
LUG5103	QLUGHA006WJZZY	J	Lug	AC
LUG5104	QLUGHA006WJZZY	J	Lug	AC
LUG5105	QLUGHA006WJZZY	J	Lug	AC
LUG5111	QLUGHA001WJZZY	J	Lug	AD
LUG5112	QLUGHA001WJZZY	J	Lug	AD
LUG5113	QLUGHA001WJZZY	J	Lug	AD
LUG5114	QLUGZA002WJZZY	J	Lug	AC
LUG5115	QLUGZA002WJZZY	J	Lug	AC
	XBPSN20P12JS0	J	Screw, x4	AB

DUNTKC641VJ11
MAIN UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC400	VHiTC90A92A-1Q	J	TC90A92AFG	BC
IC401	VHiSM5313AS-1Y	J	SM5313AS-G-ET	AM
IC402	VHiSi3025LA-1Y	J	SI-3025LSA-TL	AF
IC403	VHiPQ1L153M-1Y	J	PQ1L153M2SP	AD
IC500	VHiTC90A92A-1Q	J	TC90A92AFG	BC
IC501	VHiSM5313AS-1Y	J	SM5313AS-G-ET	AM
IC801	RH-iXA859WJZZQ	J	XC2S300E-6FGG4	BG
IC802	RH-iXA860WJN1Y	J	XCF02SVO20C	AT
IC1001	RH-iXA869WJN1Q	J	XC95144XL-10TQ	AW
IC1500	VHiTLV1508P-1Y	J	TLV1508IPWR	AR
IC1501	VHiM62320FP-1Y	J	M62320FP	AH
IC1502	VHiM62393FP-1Y	J	M62393FP	AK
IC1503	VHiTC7W53U/-1Y	J	TC7W53FU	AF
IC1504	VHiTCVT244AFTY	J	TC74VHCT244AFT	AG
IC1505	VHiTCVT244AFTY	J	TC74VHCT244AFT	AG
IC1506	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC1507	VHiTC7W66U/-1Y	J	TC7W66FU	AE
IC1508	VHiNJM311M/-1Y	J	NJM311M	AE
IC1509	VHiM62320FP-1Y	J	M62320FP	AH
IC1512	VHiTC7W53U/-1Y	J	TC7W53FU	AF
IC1513	VHiTC7W53U/-1Y	J	TC7W53FU	AF
IC1514	VHiPQ1R33//-1Y	J	PQ1R33	AE
IC1515	VHi7WH126FU-1Y	J	TC7WH126FU	AE
IC1516	VHiAHCT08PW-1Y	J	SN74AHCT08PW	AD
IC1801	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC1802	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC1803	VHiPQ070XH2-1Y	J	PQ070XH02ZP	AG
IC1804	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC1805	VHiBD4729G+-1Y	J	BD4729G-TR	AD
IC1806	VHiPQ018EZ5-1Y	J	PQ018EZ5MZP	AF
IC2101	RH-iXA873WJZZY	J	PCA9564PW_118	AS
IC2102	VHiBR24L64F-1Y	J	BR24L64F-WE2	AK
IC3201	VHiTLVD823+-1Q	J	THC63LVD823	AY
IC3202	VHiPQ1R33//-1Y	J	PQ1R33	AE
IC3300	RH-iXA091WJZZQ	J	MB87M1370TB-G	BX
IC3301	VHiP2042ATR-1Y	J	P2042A-08TR	AM
IC3400	RH-iXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC3401	RH-iXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC3402	RH-iXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC3403	RH-iXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC3700	VHiAD988810-1Q	J	I.C.	BA
IC3701	VHiTVHC153T-1Y	J	TC74VHC153FT	AE
IC3702	VHiPQ033EZ1-1Y	J	PQ033EZ01ZP	AF
IC3703	VHiSM5301AS-1Y	J	SM5301AS-G-ET	AR
IC3704	VHiTA1318AF1EY	J	TA1318AF	AS
IC3708	VHi7WH126FU-1Y	J	TC7WH126FU	AE
IC3709	VHiT7WH123U-1Y	J	TC7WH123FU	AD
IC3710	VHiSN2G53CT-1Y	J	SN74AHC2G53HDC	AE
IC7202	VHiPCA9515P-1Y	J	PCA9515DP_118	AM
IC7203	VHiPCA9516P-1Y	J	PCA9516PW_118	AQ
IC7204	VHiDS90C386-1Y	J	DS90CF386MTDX	AP
IC7205	VHiDS90C385-1Y	J	DS90C385MTDX	AP

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q402	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q403	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q404	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q405	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q406	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q407	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q408	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q410	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q502	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q503	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q504	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q505	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q506	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q507	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q508	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q510	VS2SC3928AR-1Y	J	2SC3928AR	AB

DUNTKC641VJ11
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
Q1500	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1501	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q1502	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1503	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q1504	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1505	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q1506	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1507	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1508	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q1509	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1510	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1511	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1512	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1513	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1514	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1515	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1516	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1517	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1518	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1519	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1520	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q1801	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q1802	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q3700	VS2SK536///-1Y	J	2SK536	AE
Q3701	VS2SK536///-1Y	J	2SK536	AE
Q7207	VSDTC144EE/-1Y	J	DTC144EE	AA

DIODES

Ref. No.	Part No.	★	Description	Code
D801	RH-PXA018WJZZY	J	GM1HD55200A	AC
D1500	VHDDAN222//-1Y	J	Diode	AA
D1501	VHD1SS355//-1Y	J	Diode	AB
D1502	VHDDAN222//-1Y	J	Diode	AA
D1503	VHD1SS355//-1Y	J	Diode	AB
D1504	VHDDAN222//-1Y	J	Diode	AA
D3201	VHD1SS355//-1Y	J	Diode	AB
D3700	VHDRB521S30-1Y	J	Diode	AC
D3701	VHDRB521S30-1Y	J	Diode	AC
D3702	VHD1SS355//-1Y	J	Diode	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X400	RCRSCA067WJZZY	J	Crystal, 42MHz	AG
X500	RCRSCA067WJZZY	J	Crystal, 42MHz	AG
X801	RCRUAA009WJZZY	J	Crystal, 33MHz	AK
X3300	RCRSZA025WJZZY	J	Crystal, 83.57MHz	AM
X3301	RCRSZA024WJZZY	J	Crystal, 25.175MHz	AK
X3302	RCRSZA023WJZZY	J	Crystal, 25MHz	AK
X3700	RFiLA0034CEZZ	J	Filter	AD

FILTERS AND COILS

Ref. No.	Part No.	★	Description	Code
FL3200	RCiLFA071WJZZY	J	Coil	AD
FL3201	RCiLFA071WJZZY	J	Coil	AD
FL3202	RCiLFA071WJZZY	J	Coil	AD
FL3203	RCiLFA071WJZZY	J	Coil	AD
FL3204	RCiLFA071WJZZY	J	Coil	AD
FL3205	RCiLFA071WJZZY	J	Coil	AD
FL3206	RCiLFA071WJZZY	J	Coil	AD
FL3207	RCiLFA071WJZZY	J	Coil	AD
FL3208	RCiLFA071WJZZY	J	Coil	AD
FL3209	RCiLFA071WJZZY	J	Coil	AD
FL3300	RFiLNA036WJZZY	J	Filter	AC
FL3305	RFiLNA036WJZZY	J	Filter	AC
FL3306	RBLN-0061TAZZY	J	Ferrite Bead	AD
FL3307	RBLN-0061TAZZY	J	Ferrite Bead	AD
FL3400	VRS-CY1JF000JY	J	00 1/16W Metal Oxide	AA
FL3401	VRS-CY1JF000JY	J	00 1/16W Metal Oxide	AA
FL3402	VRS-CY1JF000JY	J	00 1/16W Metal Oxide	AA
FL3403	VRS-CY1JF000JY	J	00 1/16W Metal Oxide	AA
L400	VPD9M470J6R6NY	J	Peaking 47µH	AC
L401	VPD9M1R5JR77NY	J	Peaking 1.5µH	AB
L500	VPD9M470J6R6NY	J	Peaking 47µH	AC
L501	VPD9M1R5JR77NY	J	Peaking 1.5µH	AB
L801	VPCEM220M1R7NY	J	Peaking 22µH	AC
L1500	VPD9M470J6R6NY	J	Peaking 47µH	AC
L3701	VPCUN100KR42NY	J	Peaking 10µH	AB
L7202	VPD9M100J1R7NY	J	Peaking 10µH	AC
L7203	VPD9M100J1R7NY	J	Peaking 10µH	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C400	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C401	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C402	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C403	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C404	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C405	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C406	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C407	VCCCCY1HH5R0CY	J	5p 50V Ceramic	AA
C408	VCCCCY1HH180JY	J	18p 50V Ceramic	AA
C409	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C410	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C411	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C412	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C413	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C414	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C415	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C416	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C417	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C418	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C419	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C420	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C421	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C422	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C423	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C424	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C425	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C426	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C428	VCKYTV1CB474KY	J	0.47 16V Ceramic	AC
C429	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C430	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C431	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C432	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C433	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C434	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C435	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C436	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C437	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C438	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C439	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C440	VCEASX0JN226MY	J	22 6.3V Electrolytic	AB
C441	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C442	VCCCCY1HH4R0CY	J	4p 50V Ceramic	AA
C443	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C444	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C445	VCEASY1CN226MY	J	22 16V Electrolytic	AC
C446	VCCCCY1EH102JY	J	1000p 25V Ceramic	AB
C449	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C450	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C451	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C452	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C453	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C454	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C456	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C463	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C464	VCEASX0JN226MY	J	22 6.3V Electrolytic	AB
C465	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C466	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C467	VCEASX0JN226MY	J	22 6.3V Electrolytic	AB
C468	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C469	VCEASX0JN226MY	J	22 6.3V Electrolytic	AB
C473	RC-KZA176WJZZY	J	10 10V Ceramic	AC
C476	VCCCCY1HH680JY	J	68p 50V Ceramic	AA
C500	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C501	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C502	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C503	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C504	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C505	VCEASX1CN106MY	J	10 16V Electrolytic	AC

DUNTKC641VJ11
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C506	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C507	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C508	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C509	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C510	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C511	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C512	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C513	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C514	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C515	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C516	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C517	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C518	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C519	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C520	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C521	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C522	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C523	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C524	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C525	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C526	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C528	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C529	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C530	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C531	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C532	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C533	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C534	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C535	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C536	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C537	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C538	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C539	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C540	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C541	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C542	VCCCCY1HH4R0CY	J	4p	50V	Ceramic	AA
C543	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C544	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C545	VCEASY1CN226MY	J	22	16V	Electrolytic	AC
C546	VCCCCY1EH102JY	J	1000p	25V	Ceramic	AB
C549	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C550	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C551	VCKYCY1AB105KY	J	1	10V	Ceramic	AB
C552	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C553	VCKYCY1AB105KY	J	1	10V	Ceramic	AB
C554	VCKYCY1AB105KY	J	1	10V	Ceramic	AB
C555	VCKYCY1AB105KY	J	1	10V	Ceramic	AB
C564	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C801	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C802	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C803	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C804	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C805	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C806	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C807	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C808	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C809	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C810	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C811	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C812	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C813	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C814	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C815	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C816	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C817	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C818	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C819	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C820	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C821	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C822	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C823	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

Ref. No.	Part No.	★	Description			Code
C1002	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1004	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1005	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1006	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1007	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1008	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1009	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1011	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1012	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1500	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1501	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C1502	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1503	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1504	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C1506	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1507	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1508	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C1509	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1510	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1511	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1512	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1513	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1514	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1515	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1516	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1517	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1518	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1519	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1520	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1521	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1522	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1801	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1802	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C1803	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1804	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1805	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1806	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1807	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C1808	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1809	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1810	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1811	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1812	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C1813	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1814	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1815	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1816	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1817	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1818	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1819	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1820	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1823	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1824	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1825	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1826	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1827	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1828	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1829	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1830	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2101	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2106	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2107	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3201	VCEASX1AN336MY	J	33	10V	Electrolytic	AC
C3202	VCEASX1AN336MY	J	33	10V	Electrolytic	AC
C3203	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3204	VCEASX1AN336MY	J	33	10V	Electrolytic	AC
C3205	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3206	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3207	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3208	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3209	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3210	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3211	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3212	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3213	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

DUNTKC641VJ11

MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C3214	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3215	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3216	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3217	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3301	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3303	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3305	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3306	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3307	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3308	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3309	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3310	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3311	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3312	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3314	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3316	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3318	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3320	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3321	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3322	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3323	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3324	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3325	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3326	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3327	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3328	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3329	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3330	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3331	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3332	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3333	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3334	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3335	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3336	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3339	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3340	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3342	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3343	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C3344	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3400	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3401	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3402	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3403	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3404	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3405	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3406	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3407	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3408	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3409	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3410	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3412	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3413	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3414	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3415	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3416	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3417	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3418	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3419	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3420	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3421	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3422	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3423	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3424	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3425	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3426	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3427	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3428	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3701	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3702	VCKYCY1HB392KY	J	3900p	50V	Ceramic	AA
C3704	VCKYCY1EB393KY	J	0.039	25V	Ceramic	AA
C3707	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3708	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3709	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3710	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3711	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3712	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3713	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3714	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C3715	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3716	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3717	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3718	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3719	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3720	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3721	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3722	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3723	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3724	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3725	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3726	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3727	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3728	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3729	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3730	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3731	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3732	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3733	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C3735	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3736	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3737	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3738	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C3739	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C3740	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C3741	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3743	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3744	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3745	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C3746	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3747	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3748	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3749	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C3750	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3751	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3752	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3753	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C3754	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3755	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3756	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3757	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3758	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3759	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3760	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C3761	VCKYTV1HB104KY	J	0.1	50V	Ceramic	AA
C3762	VCKYTV1HB104KY	J	0.1	50V	Ceramic	AA
C3763	VCKYTV1HB104KY	J	0.1	50V	Ceramic	AA
C3764	VCAAPC1AJ106MY	J	10	10V	Electrolytic	AE
C3765	VCCCCY1EH102JY	J	1000p	25V	Ceramic	AB
C3766	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3767	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3768	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3769	VCCCCY1EH102JY	J	1000p	25V	Ceramic	AB
C3770	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3771	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7223	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7224	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7225	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7226	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7227	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7228	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7229	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7230	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7231	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7232	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7233	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7234	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C7235	RC-KZA176WJZZY	J	10	10V	Ceramic	AC

DUNTKC641VJ11

MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C7236	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7237	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7238	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7239	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7240	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7241	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7242	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R400	VRS-CY1JF274JY	J	270k 1/16W Metal Oxide	AA
R401	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R403	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R404	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R405	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R406	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R407	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R408	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R409	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R410	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R411	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R412	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R413	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R414	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R415	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R416	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R417	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R418	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R419	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R420	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R421	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R422	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R427	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R428	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R429	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R430	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R431	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R432	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R433	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R434	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R435	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R436	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R437	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R438	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R439	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R440	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R441	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R442	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R443	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R444	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R445	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R446	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R447	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R448	VRS-TW2ED2R2JY	J	2.2 1/4W Metal Oxide	AA
R449	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R450	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R451	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R452	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R453	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R454	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R455	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R456	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R457	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R458	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R459	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R460	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R461	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R464	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R466	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R469	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R471	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R473	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R474	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R475	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R500	VRS-CY1JF274JY	J	270k 1/16W Metal Oxide	AA
R501	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R502	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R503	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R504	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R505	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R506	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R507	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R508	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R509	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R510	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R511	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R512	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R513	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R514	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R515	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R516	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R517	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R518	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R519	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R520	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R521	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R522	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R527	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R529	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R530	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R531	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R532	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R533	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R534	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R535	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R536	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R537	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R538	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R539	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R540	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R541	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R542	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R543	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R544	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R545	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R546	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R547	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R549	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R550	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R551	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R552	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R554	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R555	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R558	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R561	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R562	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R563	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R801	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R802	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R805	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R806	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R807	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R808	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R809	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R810	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R811	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R812	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R813	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R814	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R815	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R816	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R817	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R818	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R819	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R820	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R821	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R822	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA

DUNTKC641VJ11
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R826	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R827	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R828	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R829	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R830	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R836	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R837	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R838	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R841	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R843	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R844	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R845	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R846	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R847	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R848	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R849	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R850	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R851	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R852	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R853	VRK-CD1JJ330JY	J	33 1/16W Metal Compo.	AC
R855	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R856	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R857	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R861	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R862	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R863	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R866	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R867	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R871	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R872	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R873	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R874	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R875	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R876	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R877	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1001	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1002	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1003	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1004	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1005	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1006	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1007	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1008	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1009	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1010	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1011	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1012	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1013	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R1014	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1015	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1016	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1017	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1018	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1019	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1020	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1021	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1023	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1025	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R1026	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1028	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1029	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1030	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1031	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1032	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1033	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1034	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1049	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1073	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1074	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1075	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1077	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1078	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1079	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1080	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R1081	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R1082	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1500	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1501	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1502	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1503	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1504	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1505	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1506	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1507	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1508	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1509	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1510	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1511	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1512	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1513	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1514	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1515	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1516	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1517	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1518	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R1519	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1520	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1521	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1522	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1523	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R1524	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1525	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1526	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1527	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R1528	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1529	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1530	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1531	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1532	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R1533	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R1534	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R1535	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R1536	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1537	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1538	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1539	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1540	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1541	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1542	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1543	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1544	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1545	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1546	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1547	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1548	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1549	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1551	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1552	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R1553	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R1554	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R1555	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R1557	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1558	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1559	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1560	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1561	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1562	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1563	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1564	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1565	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1566	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1567	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1571	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1572	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1577	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1578	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA

DUNTKC641VJ11
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R1579	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1580	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1581	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1582	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1583	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1584	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1585	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1586	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1588	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1589	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R1590	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1592	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1594	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1595	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1596	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1597	VRS-CY1JF153JY	J	15k 1/16W Metal Oxide	AA
R1598	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1603	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1604	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R1605	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1606	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1607	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R1608	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1609	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1610	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1611	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1612	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1613	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1614	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1615	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1616	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1617	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1618	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1619	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1620	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1623	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R1624	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R1625	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1626	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R1628	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1629	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1630	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R1801	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1802	VRS-CY1JF122FY	J	1.2k 1/16W Metal Oxide	AA
R1803	VRS-CY1JF820FY	J	82 1/16W Metal Oxide	AA
R1804	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1805	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1806	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R1807	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1808	VRS-CY1JF511FY	J	510 1/16W Metal Oxide	AA
R1809	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1810	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1811	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1812	VRS-CY1JF302FY	J	3k 1/16W Metal Oxide	AA
R1813	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1814	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1815	VRS-CY1JF221FY	J	220 1/16W Metal Oxide	AA
R1816	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R1817	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1818	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1819	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1820	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R1821	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1822	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1827	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2107	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R2112	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R2115	VRK-CD1JJ470JY	J	47 1/16W Metal Compo.	AC
R2116	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2117	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2118	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2119	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2120	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2121	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2123	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R2127	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R2129	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2130	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2131	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2132	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2133	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2134	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2135	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2136	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2137	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2138	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2139	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2140	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2141	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R2143	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2145	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2146	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2147	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2148	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2149	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2150	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2153	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R2179	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2180	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2181	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2182	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2183	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2184	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3201	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3202	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3203	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3204	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3205	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3206	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3207	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3208	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3209	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3210	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3211	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3212	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3213	RR-TZ0073CEZZY	J	33 1/16W Resistor Array	AA
R3214	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3215	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3217	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3218	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3220	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3300	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3303	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R3304	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R3305	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3306	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3307	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3308	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3310	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3312	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3313	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3314	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R3315	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3316	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3317	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3320	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3321	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3323	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3324	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3326	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3327	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3328	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3329	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3330	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3331	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3332	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA

DUNTKC641VJ11

MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R3334	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3400	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3401	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R3402	VRS-CY1JF181JY	J	180 1/16W Metal Oxide	AA
R3403	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3404	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3405	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3701	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R3703	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R3705	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R3707	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R3709	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R3710	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3711	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R3714	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3715	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3718	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3719	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3720	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3721	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3722	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3723	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3724	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3725	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3726	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3727	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R3728	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3729	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R3730	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3731	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3732	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3733	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3734	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3735	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3736	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3737	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R3738	VRS-CY1JF512JY	J	5.1k 1/16W Metal Oxide	AA
R3739	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3740	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3741	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R3743	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3744	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3745	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3746	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3747	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3748	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R3749	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3751	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3752	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3753	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3754	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3755	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3756	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3757	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3758	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3759	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3760	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3761	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3763	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3764	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3765	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3766	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3767	VRS-TV1JD750JY	J	75 1/10W Metal Oxide	AA
R3768	VRS-TV1JD750JY	J	75 1/10W Metal Oxide	AA
R3769	VRS-TV1JD750JY	J	75 1/10W Metal Oxide	AA
R3770	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3771	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R3772	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3773	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R3774	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R3775	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3776	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R3777	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3778	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R3779	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R3780	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R3781	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R3782	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3783	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3784	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3785	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3786	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3787	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7204	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7220	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7241	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R7242	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7243	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7244	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7245	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7247	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7248	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7249	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7250	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7251	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7252	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7253	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R7254	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R7255	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7256	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7257	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R7258	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R7259	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R7260	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R7261	VRS-CY1JF153JY	J	15k 1/16W Metal Oxide	AA
R7262	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R7263	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R7266	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7267	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7272	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7274	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R7275	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R7277	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R7287	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7288	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7289	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7290	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R7291	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R7293	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB400	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB401	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB402	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB404	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB405	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB406	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB407	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB408	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB410	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB500	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB501	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB502	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB504	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB505	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB506	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB507	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB508	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB510	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB3202	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3204	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3206	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3300	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3301	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3700	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3701	RBLN-0210TAZZY	J	Ferrite Bead	AB

DUNTKC641VJ11
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
FB3703	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB7203	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB7204	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB7205	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB7206	RBLN-0060TAZZY	J	Ferrite Bead	AB
P401	QPLGN0572FJZZY	J	Plug, 10-pin(MA)	AE
P501	QPLGNA238WJZZY	J	Plug, 10-pin(MB)	AE
P1001	QPLGN0056CEZZY	J	Plug, 6-pin	AD
P1501	QPLGN0064CEZZY	J	Plug, 14-pin(SH)	AE
P1502	QPLGN0568FJZZY	J	Plug, 6-pin(PH)	AE
P1802	QPLGN0543FJZZY	J	Plug, 6-pin(PB)	AE
P1803	QPLGN0547FJZZY	J	Plug, 10-pin(PE)	AE
P1804	QPLGN0543FJZZY	J	Plug, 6-pin(PD)	AE
P3700	QPLGN0572FJZZY	J	Plug	AE
P3701	QPLGN0572FJZZY	J	Plug	AE
P7200	QPLGN0573FJZZY	J	Plug, 11-pin(ME)	AE
SC2102	QCNCWA240WJZZQ	J	Connector, 80-pin	AL
SC3200	QSOCN0491FJZZY	J	Socket, 33-pin	AF
SC7200	QSOCN0493FJZZY	J	Socket, 45-pin(FC)	AG
SC7201	QSOCNA289WJZZY	J	Socket, 32-pin(FP)	AP
LUG7203	QLUGZA002WJZZY	J	Lug	AC
LUG7205	QLUGZA002WJZZY	J	Lug	AC
LUG7206	QLUGZA002WJZZY	J	Lug	AC
LUG7208	QLUGHA006WJZZY	J	Lug	AC
LUG7209	QLUGHA006WJZZY	J	Lug	AC
LUG7210	QLUGHA006WJZZY	J	Lug	AC
LUG7211	QLUGHA006WJZZY	J	Lug	AC

DUNTKC670UJ04
AV UNIT

TUNER

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

Ref. No.	Part No.	★	Description	Code
⚠ TU1101	VTUATMQH6-703	J	Tuner	AZ
⚠ TU1102	VTUATMQH6-001	J	Tuner	AZ

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1101	VHiPQ050DZ1-1Y	J	PQ050DZ01Z	AE
IC1102	VHiM62320FP-1Y	J	M62320FP	AH
IC1103	VHiBA7655AF-1Y	J	BA7655AF	AG
IC1105	VHiM62332FP-1Y	J	M62332FP	AL
IC1107	VHiPQ050DZ1-1Y	J	PQ050DZ01Z	AE
IC1109	VHiT7WB125A-1Y	J	TC7WBD125AFK	AE
IC2501	RH-iX3370CEN1Q	J	MSP3440G-QA-B8	AY
IC2502	VHiBH3544F+-1Y	J	BH3544F-E2	AE
IC2503	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC2504	VHiBA4560F+-1Y	J	BA4560F-E2	AD
IC2507	VHiBA4560F+-1Y	J	BA4560F-E2	AD
IC2508	VHiT7SET08U-1Y	J	TC7SET08FU	AD
IC2509	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC2700	VHiNJU26150-1Q	J	NJU26150FR1	AV
IC2701	VHiNJU26106-1Q	J	NJU26106FR1	AT
IC2702	VHiAK4586VQ-1Q	J	AK4586VQ	AY
IC2703	RH-iXA167WJZZY	J	PQ025EZ01ZZ	AL
IC2704	VHiN2885D03-1Y	J	NJM2885DL103TE	AE
IC2706	RH-iXA899WJN1Y	J	AT24C64AN-10SI	AL
IC2708	VHiM62320FP-1Y	J	M62320FP	AH
IC2709	VHiAK4353++-1Y	J	AK4353VF	AR
IC2710	VHiAK5381VT-1Y	J	AK5381VT	AR
IC3104	VHiUPD4721G-1Y	J	UPD4721GS-GJG	AN
IC3800	VHiMM1630AQ-1Q	J	I.C.	AU
IC3801	VHiMM1519XQ-1Q	J	MM1519XQ	AW
IC3802	VHiNJM4565M-1Y	J	NJM4565M	AE
IC3803	VHiBA05SFP+-1Y	J	BA05SFP-E2	AG
IC3804	VHiPQ20WZ51-1Y	J	PQ20WZ5U	AF
IC3805	VHiBU4051FV-1Y	J	BU4051BCFV-E2	AF
IC3806	VHiPCA9516P-1Y	J	PCA9516PW_118	AQ
IC3808	VHiM62320FP-1Y	J	M62320FP	AH
IC3809	VHiM62320FP-1Y	J	M62320FP	AH
IC3812	VHiBU4051FV-1Y	J	BU4051BCFV-E2	AF
IC5701	VHiBA09SFP+-1Y	J	BA09SFP	AG
IC5702	VHiBA08SFP+-1Y	J	BA08SFP-E2	AG
IC5703	RH-iXA552WJZZY	J	PQ1CY1032ZP	AH
IC5705	VHiBA033FP/-1Y	J	BA033FP-E2	AG
IC5706	VHiPQ05DZ1U-1Y	J	PQ05DZ1U	AG
IC5707	VHiLTC1153+-1Y	J	LTC1153CS8	AT

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1101	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1102	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1103	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1104	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1105	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1106	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1110	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1111	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1112	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1113	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1114	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1115	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1116	VSRT1N441U/-1Y	J	RT1N441U	AB
Q1117	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1118	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1119	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1121	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1125	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1127	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1130	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1132	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1145	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1146	VS2SC3928AR-1Y	J	2SC3928AR	AB

DUNTKC670UJ04

AV UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
Q1147	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1148	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1203	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1204	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2501	VSRT1N141U/-1Y	J	RT1N441U	AB
Q2506	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2509	VSRT1P441U/-1Y	J	RT1P441U	AB
Q2510	VSRT1N441U/-1Y	J	RT1N441U	AB
Q2513	VSRT1P441U/-1Y	J	RT1P441U	AB
Q2702	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2703	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3800	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3801	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3802	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3803	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3804	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3805	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3806	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3807	VSDTA114EKA-1Y	J	DTA114EKA	AB
Q3808	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3809	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3810	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3811	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3812	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3813	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3814	VSRT1N141U/-1Y	J	RT1N141U	AB
Q5701	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q5702	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q5703	VSCPH3408++-1Y	J	CPH3408	AE
Q5706	VSRT1N141U/-1Y	J	RT1N141U	AB
Q5707	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q6002	VS2SC3928AR-1Y	J	2SC3928AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D1100	VHD1SS355//-1Y	J	Diode	AB
D1101	VHD1SS355//-1Y	J	Diode	AB
D1102	RH-EX0674GEZZY	J	Zener Diode, 33V	AB
D1103	RH-EX1395CEZZY	J	Zener Diode, 6.2V	AC
D1105	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1106	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1107	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1108	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1109	VHD1SS355//-1Y	J	Diode	AB
D1110	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1111	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1112	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D1113	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D1114	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D1115	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D1116	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1117	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1118	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1120	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1121	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D1128	RH-EX0674GEZZY	J	Zener Diode, 33V	AB
D1129	VHD1SS355//-1Y	J	Diode	AB
D1130	RH-EX1395CEZZY	J	Zener Diode, 6.2V	AC
D2501	VHDDAN222//-1Y	J	Diode	AA
D2502	VHDDAN222//-1Y	J	Diode	AA
D2503	VHD1SS355//-1Y	J	Diode	AB
D2504	VHD1SS355//-1Y	J	Diode	AB
D2505	VHD1SS355//-1Y	J	Diode	AB
D2507	VHD1SS355//-1Y	J	Diode	AB
D2508	VHD1SS355//-1Y	J	Diode	AB
D2700	VHD1SS355//-1Y	J	Diode	AB
D2702	VHD1SS355//-1Y	J	Diode	AB
D3104	VHDMA3120WA-1Y	J	Diode	AD
D3105	VHDMA3120WA-1Y	J	Diode	AD
D3801	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D3804	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D3805	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D3806	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D3807	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D3813	VHDDAN217U+-1Y	J	Diode	AB
D3814	VHDDAN217U+-1Y	J	Diode	AB
D3815	VHDDAN217U+-1Y	J	Diode	AB
D3816	VHD1SS355//-1Y	J	Diode	AB
D3817	VHD1SS355//-1Y	J	Diode	AB
D3820	VHDDAN217U+-1Y	J	Diode	AB
D3821	VHDDAN217U+-1Y	J	Diode	AB
D3822	VHDDAN217U+-1Y	J	Diode	AB
D3827	VHD1SS355//-1Y	J	Diode	AB
D3828	VHD1SS355//-1Y	J	Diode	AB
D3829	VHD1SS355//-1Y	J	Diode	AB
D3833	VHD1SS355//-1Y	J	Diode	AB
D3834	VHD1SS355//-1Y	J	Diode	AB
D5701	VHDSFPB74//2EY	J	Diode	AD
D5702	RH-EX1400CEZZY	J	Zener Diode, 10V	AB
D5703	RH-EXA093WJZZY	J	Zener Diode, 13V	AB
D5704	VHDSFPA73//2EY	J	Diode	AD
D5715	VHD1SS355//-1Y	J	Diode	AB
D6020	VHD1SS355//-1Y	J	Diode	AB
D6021	RH-EX1016GEZZY	J	Zener Diode, 18V	AD
D6022	RH-EX1016GEZZY	J	Zener Diode, 18V	AD
D6023	RH-EX1016GEZZY	J	Zener Diode, 18V	AD
D6024	RH-EX1016GEZZY	J	Zener Diode, 18V	AD

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X2501	RCRSB0250GEZZ+	J	Crystal	AG
X2700	RCRSCA015WJZZY	J	Crystal	AH
X2701	RCRSCA015WJZZY	J	Crystal	AH
X2702	RCRSCA045WJZZY	J	Crystal	AG

COILS

Ref. No.	Part No.	★	Description	Code
L1100	VPD9M100KR86NY	J	Peaking 10µH	AC
L1101	VPD9M100KR86NY	J	Peaking 10µH	AC
L1103	VPD9M1R0MR20NY	J	Peaking 1µH	AB
L1104	VPD9M1R0MR20NY	J	Peaking 1µH	AB
L1105	VPD9M1R0MR20NY	J	Peaking 1µH	AB
L1106	VPD9M1R0MR20NY	J	Peaking 1µH	AB
L2502	VPD9M4R7MR53NY	J	Peaking 4.7µH	AB
L3800	VPCNN100J1R6NY	J	Peaking 10µH	AB
L5701	RCiLCA041WJZZY	J	Coil	AF
L5702	RCiLP0344TAZZY	J	Coil	AD
L5703	RCiLF0318GEZZY	J	Coil	AG

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C1100	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1101	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1102	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C1103	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1104	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1105	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1106	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C1107	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C1108	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C1109	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1110	VCEASY1HN226MY	J	22	50V	Electrolytic	AC
C1113	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1114	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C1115	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C1116	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1117	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1118	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1119	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C1120	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1123	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1124	VCKYCY1HB182KY	J	1800p	50V	Ceramic	AA
C1125	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1126	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1127	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1128	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1129	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1130	VCKYCY1HB822KY	J	8200p	50V	Ceramic	AB
C1133	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1134	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

DUNTKC670UJ04

AV UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C1135	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1136	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1137	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1138	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1139	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1140	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1141	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1142	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1143	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1144	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1145	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1146	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1147	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1148	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1149	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1150	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C1151	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C1152	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1153	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1154	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1155	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1156	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1157	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1158	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1159	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1160	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1161	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1162	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1163	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1164	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1165	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1166	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1167	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1170	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1171	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1173	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1174	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1175	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1179	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1180	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1181	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1182	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1193	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1195	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1196	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1197	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C1198	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C1200	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1204	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1205	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1206	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1209	VCEASY1HN226MY	J	22	50V	Electrolytic	AC
C1214	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C1226	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1227	VCKYCY1HB182KY	J	1800p	50V	Ceramic	AA
C1228	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C1229	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1230	VCKYCY1HB822KY	J	8200p	50V	Ceramic	AB
C2501	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2502	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2503	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2504	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2507	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2508	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2509	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C2510	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C2511	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C2512	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C2513	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C2516	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2517	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2518	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2519	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2520	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2521	VCEASX1HN335MY	J	3.3	50V	Electrolytic	AB
C2522	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2524	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2525	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2526	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2527	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2528	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2529	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C2530	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2531	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2532	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2534	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C2535	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C2536	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C2537	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2538	VCEASY1CN337MY	J	330	16V	Electrolytic	AD
C2539	VCEASY1CN337MY	J	330	16V	Electrolytic	AD
C2540	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2541	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2542	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2543	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2544	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2545	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2549	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2552	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2553	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2554	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2555	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2563	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C2564	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C2577	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2579	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2580	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2581	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2582	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2583	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2584	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2585	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2586	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2587	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2588	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2589	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2595	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2700	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2701	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2702	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2703	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2704	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2705	VCCCCY1HH8R0DY	J	8p	50V	Ceramic	AA
C2706	VCCCCY1HH8R0DY	J	8p	50V	Ceramic	AA
C2707	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C2708	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2709	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2710	VCEASY1CN476MY	J	47	16V	Electrolytic	AC
C2711	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2712	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2713	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2714	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2715	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2716	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2717	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2718	VCCCCY1HH8R0DY	J	8p	50V	Ceramic	AA
C2719	VCCCCY1HH8R0DY	J	8p	50V	Ceramic	AA
C2720	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C2721	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2722	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2723	VCEASY1CN476MY	J	47	16V	Electrolytic	AC
C2724	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2725	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2726	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2727	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2728	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

DUNTKC670UJ04

AV UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C2730	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C2731	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2732	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C2733	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2738	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C2739	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C2740	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2741	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2742	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2743	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2744	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2745	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2746	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2747	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2748	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2749	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2750	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C2751	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2752	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2753	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2761	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C2762	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C2763	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2764	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2765	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2766	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2767	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2768	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2769	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2770	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2771	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2772	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2773	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2774	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2775	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2776	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2777	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C2778	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C2779	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C2780	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C2781	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2782	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C2783	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C2784	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C2785	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C2786	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C2787	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C2788	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2789	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2790	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3133	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C3134	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C3135	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C3136	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3137	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3138	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C3139	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C3801	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3802	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3803	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3804	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3805	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3806	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3807	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3808	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3809	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3810	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3811	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3812	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3813	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3814	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3815	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3816	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C3817	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C3821	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3822	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C3823	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3824	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3825	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3826	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3827	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3828	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3829	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3830	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3831	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3832	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3834	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C3835	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3836	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3837	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3838	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3839	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C3840	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3841	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C3842	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3843	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3844	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3845	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3846	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C3847	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3848	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3849	VCEASX1EN336MY	J	33	25V	Electrolytic	AC
C3850	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3851	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3852	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C3853	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C3854	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C3855	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C3856	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3857	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3858	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3859	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3860	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3861	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3862	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3863	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3864	VCEASY1CN227MY	J	220	16V	Electrolytic	AC
C3865	VCEASX1EN336MY	J	33	25V	Electrolytic	AC
C3866	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3867	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3868	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C3869	VCKYCY1HF223ZY	J	0.022	50V	Ceramic	AB
C3870	VCKYCY1HF223ZY	J	0.022	50V	Ceramic	AB
C3871	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C3872	VCEASY1EN227MY	J	220	25V	Electrolytic	AD
C3873	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3874	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3875	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3876	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3877	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3878	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3879	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3880	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3881	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3882	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3883	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3884	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3885	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3886	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3887	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3888	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3889	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3890	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3891	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3892	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3893	VCKYTV1CB105KY	J	1	16V	Ceramic	AC

DUNTKC670UJ04
AV UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C3894	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C3895	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C3896	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3897	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5701	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5702	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5703	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5704	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5705	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5706	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5707	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5708	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5709	VCEASY1EN227MY	J	220 25V Electrolytic	AD
C5710	VCCCCY1HH681JY	J	680p 50V Ceramic	AB
C5711	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C5712	VCEASY1CN477MY	J	470 16V Electrolytic	AD
C5713	VCAAPF1CJ396MY	J	39 16V Electrolytic	AF
C5717	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C5718	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C5719	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5720	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5721	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5723	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5724	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C5726	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C5727	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C5728	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5729	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5730	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5735	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5736	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5738	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5739	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5745	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6009	VCKYCY1HF223ZY	J	0.022 50V Ceramic	AB
C6010	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C6013	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6014	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6015	VCKYCY1HF224ZY	J	0.22 50V Ceramic	AA
C6016	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6017	VCKYCY1HF224ZY	J	0.22 50V Ceramic	AA
C6018	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6019	VCKYCY1HF223ZY	J	0.022 50V Ceramic	AB
C6020	VCKYCY1HF223ZY	J	0.022 50V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R1100	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1101	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA
R1102	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1103	VRS-TQ2BD561JY	J	560 1/8W Metal Oxide	AA
R1104	VRS-CJ1JF220JY	J	22 1/16W Metal Oxide	AA
R1105	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1106	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R1107	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1108	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA
R1109	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R1110	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R1112	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1113	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1114	VRS-CJ1JF220JY	J	22 1/16W Metal Oxide	AA
R1115	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1116	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1118	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1119	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R1120	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1122	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1123	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1124	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R1125	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R1126	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R1127	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1128	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1129	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1130	VRS-TW2ED332JY	J	3.3k 1/4W Metal Oxide	AB
R1131	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1132	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R1133	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1134	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1135	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1136	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1137	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1138	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1139	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1140	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1141	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1142	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1143	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1144	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1145	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1146	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1147	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1148	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1149	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1150	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1151	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1152	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1153	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1154	VRS-CY1JF274JY	J	270k 1/16W Metal Oxide	AA
R1155	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1156	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1157	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1158	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1159	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1160	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1161	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1162	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1163	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R1165	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1166	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1167	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1168	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R1170	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1173	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1177	VRS-CJ1JF223JY	J	22k 1/16W Metal Oxide	AA
R1180	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R1183	VRS-CJ1JF223JY	J	22k 1/16W Metal Oxide	AA
R1185	VRS-TQ2BD680JY	J	68 1/8W Metal Oxide	AA
R1186	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1188	VRS-TQ2BD680JY	J	68 1/8W Metal Oxide	AA
R1189	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1190	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1191	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1192	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1193	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1194	VRS-TQ2BD680JY	J	68 1/8W Metal Oxide	AA
R1195	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R1196	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R1197	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1198	VRS-TW2ED332JY	J	3.3k 1/4W Metal Oxide	AB
R1199	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1201	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1202	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1203	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1204	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1205	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R1208	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1209	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1210	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1211	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1212	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1213	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1214	VRS-TQ2BD561JY	J	560 1/8W Metal Oxide	AA
R1215	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1216	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1217	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1228	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA

DUNTKC670UJ04
AV UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R1229	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1230	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1232	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1233	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1234	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1235	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1236	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1238	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R1239	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1240	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1242	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1243	VRS-TW2ED181JY	J	180 1/4W Metal Oxide	AA
R1244	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1245	VRS-TW2ED181JY	J	180 1/4W Metal Oxide	AA
R1246	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1247	VRS-TW2ED181JY	J	180 1/4W Metal Oxide	AA
R1253	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1254	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1255	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1256	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1257	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1258	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1259	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1260	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1261	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1263	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1264	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1273	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1275	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1276	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1277	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1278	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1281	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1282	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1283	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1284	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1285	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1289	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1290	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1291	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1292	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1293	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1304	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R1305	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R1307	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1308	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1309	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R1310	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R1316	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1317	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1318	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2501	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R2503	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2504	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2505	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2507	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2510	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R2511	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2512	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2513	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2516	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2517	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2518	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2522	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2523	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2524	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2525	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2526	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R2527	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2528	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R2529	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2535	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2537	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2538	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2539	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2540	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2541	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2542	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2543	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2544	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2545	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2546	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2547	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2548	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2552	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2555	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2572	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2573	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2575	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R2580	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2581	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2582	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2590	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2591	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2592	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2593	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2594	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2595	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2596	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2700	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2701	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2702	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2703	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R2704	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2705	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2706	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2707	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2708	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R2709	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2710	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R2715	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2716	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2717	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2718	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2719	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2720	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2721	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2722	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2724	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2725	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R2726	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2727	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2728	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R2729	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2730	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2731	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2732	VRS-CJ1JF220JY	J	22 1/16W Metal Oxide	AA
R2734	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R2735	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2738	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2741	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R2742	VRS-CJ1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2744	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2745	VRS-CY1JF5R1JY	J	5.1 1/16W Metal Oxide	AA
R2746	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2747	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2748	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2749	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2750	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2751	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2752	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2753	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2756	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2759	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2760	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2761	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA

DUNTKC670UJ04

AV UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R2762	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R2763	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2764	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2765	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2766	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2767	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2768	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2770	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2771	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2776	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2778	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2779	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2780	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2781	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2782	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2783	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2784	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2785	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3128	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3130	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3131	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3133	VRS-TV1JD101JY	J	100 1/10W Metal Oxide	AA
R3135	VRS-TV1JD101JY	J	100 1/10W Metal Oxide	AA
R3136	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3801	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3802	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3803	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3804	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3805	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3806	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3807	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3808	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3809	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3810	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R3811	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3813	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R3814	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3815	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3816	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3817	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3818	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3819	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3820	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3821	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3822	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3823	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3824	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3825	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3826	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R3829	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3830	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3832	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R3833	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3834	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3835	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R3838	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3839	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3843	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3847	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3848	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3849	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3850	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3852	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3853	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3854	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3856	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R3857	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R3858	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3859	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R3860	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3861	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3862	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3863	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R3864	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3865	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3866	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3867	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3868	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3869	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3870	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3871	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3872	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3873	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3874	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3875	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3876	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3877	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3879	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3880	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3881	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3882	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3883	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3884	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3885	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R3886	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3887	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3888	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3889	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R3890	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R3891	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R3892	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R3893	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R3894	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3895	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R3896	VRS-CY1JF202FY	J	2.0k 1/16W Metal Oxide	AA
R3903	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R3905	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R3906	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3907	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3908	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3910	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R3912	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R3913	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R3914	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R3915	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R3916	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3917	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3918	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3919	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3920	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3921	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3922	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3923	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R3924	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3926	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3930	VRS-CY1JF153JY	J	15k 1/16W Metal Oxide	AA
R3931	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3932	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3933	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3934	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3935	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3936	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3937	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3938	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3939	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3940	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3941	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3942	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3943	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3946	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3947	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3948	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3949	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R3950	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R3951	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3952	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA

DUNTKC670UJ04
AV UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R3953	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3956	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R3957	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3958	VRS-TV1JD102JY	J	1k 1/10W Metal Oxide	AA
R3960	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R3961	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3962	VRS-TV1JD102JY	J	1k 1/10W Metal Oxide	AA
R3964	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R3965	VRS-TV1JD102JY	J	1k 1/10W Metal Oxide	AA
R3966	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3967	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3968	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3969	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3970	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3971	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3972	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3973	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3974	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3975	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3976	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3977	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3978	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3979	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3980	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3981	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3982	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R5701	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5702	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5703	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R5704	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5705	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R5707	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R5708	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5709	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R5710	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R5711	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R5712	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R5713	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R5714	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5715	RR-NZA007WJZZY	J	Resistor	AD
R5717	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R5718	VRS-CY1JF622FY	J	6.2k 1/16W Metal Oxide	AA
R5720	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R5721	VRS-TV1JD000JY	J	0 1/10W Metal Oxide	AA
R5722	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5724	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R5725	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R5726	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5727	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5728	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5731	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5732	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5733	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5734	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5736	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R5774	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R6017	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6018	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R6019	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6020	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6021	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6022	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA

SWITCHES

Ref. No.	Part No.	★	Description	Code
S5701	QSW-K0096CEZZ	J	SYSTEM RESET	AB
S5702	QSW-K0096CEZZ	J	RESET	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
RY3800	RRLYDA004WJZZ	J	Relay	AN
RY6001	RRLYDA002WJZZY	J	Relay	AK
FB2700	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB2701	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB2702	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB2703	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB2704	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3104	RBLN-0049TAZZY	J	Ferrite Bead	AA
FB3106	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3108	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3109	RBLN-0049TAZZY	J	Ferrite Bead	AA
FB3802	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3803	RBLN-0049TAZZY	J	Ferrite Bead	AA
FB5701	RBLN-0049TAZZY	J	Ferrite Bead	AA
FB5702	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB5703	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB5704	RBLN-0049TAZZY	J	Ferrite Bead	AA
FB5705	RBLN-0049TAZZY	J	Ferrite Bead	AA
J1101	QTANJA043WJZZ	J	Terminal	AH
J1104	QJAKEA062WJ00	J	Jack	AD
J1105	QSOCD0834CEZZ	J	Socket, S-VIDEO	AH
J1106	QTANJA043WJZZ	J	AV Terminal	AH
J1107	QTANJA051WJZZ	J	AV Terminal	AH
J5701	QJAKCA005WJZZ	J	CENTER CHANNEL INPUT Terminal	AE
P1101	QPLGNA041WJZZ	J	Plug, 2-pin(GT)	AB
P3801	QPLGNA238WJZZY	J	Plug, 15-pin(SA)	AE
P3802	QPLGNA049WJZZ	J	Plug, 10-pin(MA)	AD
P3803	QPLGNA349WJZZY	J	Plug, 15-pin(MB)	AE
P3804	QPLGNA165WJZZY	J	Plug, 9-pin(RM)	AF
P3805	QPLGN0064CEZZY	J	Plug, 14-pin(RA)	AE
P3806	QPLGN0542FJZZY	J	Plug, 5-pin	AD
P5701	QPLGNA181WJZZY	J	Plug, 12-pin(PB)	AF
P5702	QPLGN0564FJZZY	J	Plug, 2-pin(AH)	AD
P5703	QCNCMA169WJZZ	J	Connector, 20-pin(PA)	AE
P5704	QPLGNA168WJZZY	J	Plug, 12-pin(DS)	AF
P5705	QCNCMA168WJZZ	J	Connector, 15-pin(PC)	AE
P5706	QPLGN0566FJZZY	J	Plug, 4-pin(AD)	AD
P6001	QPLGNA160WJZZY	J	Plug, 4-pin(SP)	AD
P6003	QPLGN0570FJZZY	J	Plug, 8-pin(SC)	AD
SC3103	QSOCN0437FJZZ	J	RS-232C Terminal	AM
SC3802	QSOCN0493FJZZY	J	Socket, 45-pin(FC)	AG
LUG1103	QLUGHA006WJZZY	J	Lug	AC
LUG1104	QLUGHA006WJZZY	J	Lug	AC
LUG1105	QLUGHA006WJZZY	J	Lug	AC
LUG1106	QLUGHA006WJZZY	J	Lug	AC
LUG2701	QLUGHA006WJZZY	J	Lug	AC
	PSLDMA419WJFW	J	Tuner Shield	AH
	QCNW-C244WJQZ	J	Connecting Cord	AQ
	QCNW-C247WJQZ	J	Connecting Cord	AQ
	QCNW-C256WJQZ	J	Connecting Cord	AK
	QCNW-C439WJQZ	J	Connecting Cord	AG
	QCNW-C518WJPZ	J	Connecting Cord	AV
	QCNW-C522WJQZ	J	Connecting Cord	AK
	QCNW-C687WJQZ	J	Connecting Cord	AN
	LHLDW1072GEZZ	J	Wire Holder, x1	AA

DUNTKC671UJ04
KEY UNIT

TRANSISTOR

Ref. No.	Part No.	★	Description	Code
Q151	VSDTC314TK/-1Y	J	DTC314TK	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D151	RH-EXA092WJZZY	J	Zener Diode, 12V	AB
D152	RH-EXA092WJZZY	J	Zener Diode, 12V	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R151	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA
R152	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R153	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA

SWITCHES

Ref. No.	Part No.	★	Description	Code
S151	QSW-K0095CEZZ	J	CH-Up	AB
S152	QSW-K0095CEZZ	J	CH-Down	AB
S153	QSW-K0095CEZZ	J	INPUT	AB
S154	QSW-K0095CEZZ	J	VOL-Up	AB
S155	QSW-K0095CEZZ	J	VOL-Down	AB
S156	QSW-P0560CEZZ	J	MAIN POWER	AE

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P151	QPLGNA161WJZZY	J	Plug, 5-pin(KM)	AE

DUNTKC673UJ04
EXT-SP UNIT

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
J203	QTANAA003WJZZ	J	External Speaker Terminal	AH
P202	QPLGNA058WJZZ	J	Plug, 14-pin(RA)	AC
LUG201	QLUGHA002WJZZ	J	Lug	AB

DUNTKC672UJ04
RC/LED UNIT

INTEGRATED CIRCUIT

Ref. No.	Part No.	★	Description	Code
IC101	VHiTPS850++-1Y	J	TPS850	AG

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q102	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q103	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q104	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q105	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3003	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3004	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3005	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3009	VS2SC3928AR-1Y	J	2SC3928AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D101	RH-EXA092WJZZY	J	Zener Diode, 12V	AB
D103	RH-PX0210TAZZY	J	Photodiode	AC
D3003	RH-PX0200TAZZY	J	Photodiode	AB
D3004	RH-PX0210TAZZY	J	Photodiode	AC
D3005	RH-PX0202TAZZY	J	Photodiode	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C101	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C102	VCKYTV1CF225ZY	J	2.2 16V Ceramic	AB
C104	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C105	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C3001	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3002	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R101	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R104	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R105	VRS-CY1JF393JY	J	39k 1/16W Metal Oxide	AA
R106	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R108	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R109	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R117	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2438	VRS-CY1JF102JY	J	1.0k 1/16W Metal Oxide	AA
R2439	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2440	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2441	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2445	VRS-TW2ED220JY	J	22 1/4W Metal Oxide	AB
R2446	VRS-TW2ED220JY	J	22 1/4W Metal Oxide	AB
R3007	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R3008	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R3009	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3010	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R3011	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R3012	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3015	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R3016	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R3018	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3020	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
J2402	QJAKJA008WJSA	J	Headphone Jack	AE
P101	QPLGN1474TAZZY	J	Plug, 14-pin(RA)	AE
RMC101	RRMCU0239CEZZ	J	Remote Receiver	AG
SLD101	PSLDM4646CEFW	J	Shield	AD
	QCNW-C686WJQZ	J	Connecting Cord	AN

RUNTKA075WJZZ
INVERTER UNIT

DIODES

Ref. No.	Part No.	★	Description	Code
D7501	VHD1SS362//-1	J	Diode	AC
D7502	VHD1SS362//-1	J	Diode	AC
D7503	VHD1SS362//-1	J	Diode	AC
D7504	VHD1SS362//-1	J	Diode	AC
D7505	VHD1SS362//-1	J	Diode	AC
D7506	VHD1SS362//-1	J	Diode	AC
D7507	VHD1SS362//-1	J	Diode	AC
D7508	VHD1SS362//-1	J	Diode	AC
D7509	VHD1SS362//-1	J	Diode	AC
D7510	VHD1SS362//-1	J	Diode	AC
D7511	VHD1SS362//-1	J	Diode	AC
D7512	VHD1SS362//-1	J	Diode	AC
D7513	VHD1SS362//-1	J	Diode	AC
D7514	VHD1SS362//-1	J	Diode	AC

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T7501	RTRNZ1259SNEZ	J	Transformer, T990TN-1237	AM
⚠ T7503	RTRNZ1259SNEZ	J	Transformer, T990TN-1237	AM
⚠ T7505	RTRNZ1259SNEZ	J	Transformer, T990TN-1237	AM
⚠ T7507	RTRNZ1259SNEZ	J	Transformer, T990TN-1237	AM
⚠ T7509	RTRNZ1259SNEZ	J	Transformer, T990TN-1237	AM
⚠ T7511	RTRNZ1259SNEZ	J	Transformer, T990TN-1237	AM
⚠ T7513	RTRNZ1259SNEZ	J	Transformer, T990TN-1237	AM
⚠ T7502	RTRNZ1260SNEZ	J	Transformer, RT990TN-1238	AM
⚠ T7504	RTRNZ1260SNEZ	J	Transformer, RT990TN-1238	AM
⚠ T7506	RTRNZ1260SNEZ	J	Transformer, RT990TN-1238	AM
⚠ T7508	RTRNZ1260SNEZ	J	Transformer, RT990TN-1238	AM
⚠ T7510	RTRNZ1260SNEZ	J	Transformer, RT990TN-1238	AM
⚠ T7512	RTRNZ1260SNEZ	J	Transformer, RT990TN-1238	AM
⚠ T7514	RTRNZ1260SNEZ	J	Transformer, RT990TN-1238	AM

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7501	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7502	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7503	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7504	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7505	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7506	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7507	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7508	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7509	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7510	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7511	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7512	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7513	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7514	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7515	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7516	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7517	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7518	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7519	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7520	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7521	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7522	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7523	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7524	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7525	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7526	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7527	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7528	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7529	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7530	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7531	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7532	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7533	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7534	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7535	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7536	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7537	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7538	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7539	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7540	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7541	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7542	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7543	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7544	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7545	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7546	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7547	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7548	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7549	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7550	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7551	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7552	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7553	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7554	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7555	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7556	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7557	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7558	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7559	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7560	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7561	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7562	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7563	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7564	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7565	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7566	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7567	VCKYTQ2AB473K	J	0.047 100V Ceramic	AC
C7568	RC-CF150J3KV1	J	15p 3kV Ceramic	AE
C7569	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C7570	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7571	VCKYCY1HB103K	J	0.01 50V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R7501	VRS-CY1JD562J	J	5.6k 1/10W Metal Oxide	AA
R7502	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7503	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7504	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
CN7501	QCNCM1832SNEZ	J	Connector, 13-pin	AK
CN7502	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7503	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7504	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7505	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7506	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7507	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7508	QCNCM1821SNEZ	J	Connector, 2-pin	AD

RUNTKA076WJZZ
INVERTER-GND UNIT

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7601	VSUM6K1N///-1	J	UM6K1N	AD
Q7602	VSUM6K1N///-1	J	UM6K1N	AD
Q7603	VSUM6K1N///-1	J	UM6K1N	AD
Q7604	VSUM6K1N///-1	J	UM6K1N	AD
Q7605	VSUM6K1N///-1	J	UM6K1N	AD
Q7606	VSUM6K1N///-1	J	UM6K1N	AD
Q7607	VSUM6K1N///-1	J	UM6K1N	AD
Q7608	VSUM6K1N///-1	J	UM6K1N	AD
Q7609	VSUM6K1N///-1	J	UM6K1N	AD
Q7610	VSUM6K1N///-1	J	UM6K1N	AD
Q7611	VSUM6K1N///-1	J	UM6K1N	AD
Q7612	VSUM6K1N///-1	J	UM6K1N	AD
Q7613	VSUM6K1N///-1	J	UM6K1N	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D7601	VHD1SS362//-1	J	1SS362	AC
D7602	VHD1SS362//-1	J	1SS362	AC
D7604	VHD1SS362//-1	J	1SS362	AC
D7605	VHD1SS362//-1	J	1SS362	AC
D7606	VHD1SS362//-1	J	1SS362	AC
D7608	VHD1SS362//-1	J	1SS362	AC
D7609	VHD1SS362//-1	J	1SS362	AC
D7610	VHD1SS362//-1	J	1SS362	AC
D7612	VHD1SS362//-1	J	1SS362	AC
D7613	VHD1SS362//-1	J	1SS362	AC
D7614	VHD1SS362//-1	J	1SS362	AC
D7616	VHD1SS362//-1	J	1SS362	AC
D7617	VHD1SS362//-1	J	1SS362	AC
D7618	VHD1SS362//-1	J	1SS362	AC
TH7604	VHH18XH103J03	J	Thermistor	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7601	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7602	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7603	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7604	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7605	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7606	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7607	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7608	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7609	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7610	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7611	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7612	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7615	VCKYCY1CB224K	J	0.22 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R7603	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7604	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7607	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7608	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7611	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7612	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7615	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7616	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7619	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7620	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7623	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7624	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7627	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7628	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7631	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7632	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7635	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7636	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7639	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7640	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7643	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7644	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7647	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7648	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7649	VRS-CY1JD102F	J	1k 1/10W Metal Oxide	AA
R7650	VRS-CY1JD201F	J	200 1/10W Metal Oxide	AA
R7651	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7652	VRS-CY1JD513F	J	51k 1/10W Metal Oxide	AA
R7655	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7656	VRS-CY1JD104J	J	100k 1/10W Metal Oxide	AA
R7657	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7658	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7659	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7660	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7661	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7662	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7663	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7664	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7665	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7666	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7667	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7668	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7669	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7670	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7671	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7672	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7673	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7674	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7675	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7676	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7677	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7678	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7679	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7680	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7681	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7682	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7683	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7684	VRS-TS2AD242J	J	2.4k 1/10W Metal Oxide	AB
R7685	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7686	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7687	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
CN7601	QCNCM1838SNEZ	J	Connector, 4-pin	AC
CN7602	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7603	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7604	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7605	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7606	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7607	QCNCM1821SNEZ	J	Connector, 2-pin	AD
CN7608	QCNCM1821SNEZ	J	Connector, 2-pin	AD

RDENCA071WJZZ (LC-26GA4U)
RDENCA095WJZZ (LC-26GA4D)
POWER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC701	VHiMC33262D-1	J	MC33262D	AK
IC702	VHiHA17431UA4	J	HA17431	AE
IC703	VHiTNY266P/-1	J	TNY266P	AL
IC704	VHiNJM2125F-1	J	NJM2125F	AE
IC705	VHiOZ961iS/-1	J	OZ961	AP
IC706	VHiHA17431UA4	J	HA17431	AE
IC707	VHiMP1583P/-1	J	MP1583 (DIP)	AM
IC708	VHiMP1583P/-1	J	MP1583 (DIP)	AM
IC709	VHiMP1580P/-1	J	MP1580 (DIP)	AL
IC710	VHiMP1583P/-1	J	MP1583 (DIP)	AM
IC711	VHiMP1580DS-1	J	MP1580 (SMT)	AL
IC712	VHiHA17431UA4	J	HA17431	AE
IC714	VHiXC6203P502	J	XC6203P502PR	AG
IC715	VHiXC6203P502	J	XC6203P502PR (LC-26GA4U)	AG
IC716	VHiMP1583P/-1	J	MP1583 (DIP)	AM
IC717	VHiSi3050KMS1	J	SI-3050KMS(LC-26GA4D)	

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q701	VSFQPF12N60C1	J	FQPF12N60C	AL
Q702	VSFQPF12N60C1	J	FQPF12N60C	AL
Q703	VS2SA1213-/-1	J	2SA1213	AE
Q704	VS2SA1213-/-1	J	2SA1213	AE
Q705	VS2SC2873/Y-1	J	2SC2873	AD
Q706	VSDTA124EK/-1	J	DTA124EK	AB
Q707	VSDTA124EK/-1	J	DTA124EK	AB
Q708	VSDTA124EK/-1	J	DTA124EK	AB
Q709	VSDTD114EK/-1	J	DTD114EK	AC
Q710	VS2SK3520-01M	J	2SK3520	
Q711	VS2SK3520-01M	J	2SK3520	
Q712	VS2SD1781KQ-1	J	2SD1781	AC
Q713	VSDTA143EK/-1	J	DTA143EK	AA
Q714	VS2SC2411KR-1	J	2SC2411KR	AC
Q715	VS2SB1198K/-1	J	2SB1198	AD
Q716	VS2SC2412K/-1	J	2SC2412K	AA
Q717	VSFQi6N50//-1	J	FQI6N50	AH
Q718	VS2SC2873/Y-1	J	2SC2873	AD
Q719	VSFQi6N50//-1	J	FQI6N50	AH
Q720	VS2SC2873/Y-1	J	2SC2873	AD
Q721	VSFQi6N50//-1	J	FQI6N50	AH
Q722	VS2SC2873/Y-1	J	2SC2873	AD
Q723	VSFQi6N50//-1	J	FQI6N50	AH
Q724	VS2SC2873/Y-1	J	2SC2873	AD
Q725	VS2SC2412K/-1	J	2SC2412K	AA
Q726	VS3LN01S-//-1	J	3LN01S	AC
Q727	VSUM6K1N///-1	J	UM6K1N	AD
Q728	VS2SA1037AK-1	J	2SA1037	AB
Q729	VS2SA1213-/-1	J	2SA1213	AE
Q730	VS2SC2873/Y-1	J	2SC2873	AD
Q731	VS2SA1213-/-1	J	2SA1213	AE
Q732	VS2SC2873/Y-1	J	2SC2873	AD
Q733	VS2SD1781KQ-1	J	2SD1781	AC
Q734	VS2SK3236//-1	J	2SK3236	AL
Q735	VS2SA1036KQRC	J	2SA1036	
Q736	VS2SC2411KR-1	J	2SC2411KR	AC
Q737	VSDTC124EK/-1	J	DTC124EK	AB
Q738	VSDTC124EK/-1	J	DTC124EK	AB
Q739	VSDTC124EK/-1	J	DTC124EK	AB
Q740	VS2SD1782K/-1	J	2SD1782	
Q741	VSDTC124EK/-1	J	DTC124EK	AB
Q742	VSDTC124EK/-1	J	DTC124EK	AB
Q745	VS2SC2411KR-1	J	2SC2411KR	AC
Q746	VSDTC124EK/-1	J	DTC124EK	AB
Q749	VSDTC124EK/-1	J	DTC124EK	AB
Q750	VSDTC124EK/-1	J	DTC124EK	AB
Q751	VSDTA124EK/-1	J	DTA124EK	AB
Q752	VSUMC3N////-1	J	UMC3N	
Q753	VS2SC2411KR-1	J	2SC2411KR	AC
Q754	VSDTC124EK/-1	J	DTC124EK	AB
Q755	VS2SK3236//-1	J	2SK3236	AL
Q756	VSDTC124EK/-1	J	DTC124EK	AB
Q757	VSDTC124EK/-1	J	DTC124EK	AB
Q758	VSDTC124EK/-1	J	DTC124EK	AB
Q759	VSUMC3N////-1	J	UMC3N	
Q760	VSDTC124EK/-1	J	DTC124EK	AB
Q761	VSDTC124EK/-1	J	DTC124EK	AB

DIODES

Ref. No.	Part No.	★	Description	Code
⚠ D701	VHDD3SB60//-1	J	Diode	AH
⚠ D702	VHDD3SB60//-1	J	Diode	AH
D703	VHERLZ39B//-1	J	Zener Diode	AC
D704	VHERLZ39B//-1	J	Zener Diode	AC
D705	VHDDAN202K/-1	J	Diode	AB
D706	VHDFFPF10U60S	J	Diode	AG
D707	VHDDAN202K/-1	J	Diode	AB
D708	VHD1SS355//-1	J	Diode	AB
D709	VHD1SS355//-1	J	Diode	AB
D710	VHDDAN202K/-1	J	Diode	AB
D711	VHERLZ27B//-1	J	Zener Diode	AC
D712	VHDDAN202K/-1	J	Diode	AB
D713	VHD1SS355//-1	J	Diode	AB
D714	VHDDAN202K/-1	J	Diode	AB
D715	VHEHZU15B2/-1	J	Zener Diode	AB
D716	VHD1SS355//-1	J	Diode	AB
D717	VHD1SS355//-1	J	Diode	AB
D718	VHD1SS355//-1	J	Diode	AB
D719	VHD1SS355//-1	J	Diode	AB
D720	VHDSFPL52V/-1	J	Diode	AD
D721	VHDSFPL64//-1	J	Diode	AE
D722	VHDSFPL64//-1	J	Zener Diode	AE
D723	VHERLZ8.2A/-1	J	Diode	AC
D724	VHDRLS245//-1	J	Diode	AB
D725	VHD1SS355//-1	J	Diode	AB
D726	VHDRLS245//-1	J	Diode	AB
D727	VHD1SS355//-1	J	Diode	AB
D728	VHDRLS245//-1	J	Diode	AB
D729	VHD1SS355//-1	J	Diode	AB
D730	VHDRLS245//-1	J	Diode	AB
D731	VHD1SS355//-1	J	Diode	AB
D732	VHD1SS355//-1	J	Diode	AB
D733	VHD1SS355//-1	J	Diode	AB
D734	VHD1SS355//-1	J	Diode	AB
D735	VHDDAN202K/-1	J	Diode	AB
D736	VHD1SS355//-1	J	Diode	AB
D737	VHD1SS355//-1	J	Diode	AB
D738	VHEHZU18B3/-1	J	Zener Diode	AC
D741	VHDSFPB74//-1	J	Diode	AD
D742	VHEHZU6.8B2-1	J	Zener Diode	AC
D743	VHDSFPB74//-1	J	Diode	AD
D744	VHEHZU12B3/-1	J	Zener Diode	AC
D745	VHDDAN217//-1	J	Diode	AH
D746	VHDDAN217//-1	J	Diode	AH
D747	VHDDAN217//-1	J	Diode	AH
D748	VHD1SS355//-1	J	Diode	AB
D749	VHEHZU16B1/-1	J	Zener Diode	AB
D750	VHEHZU16B1/-1	J	Zener Diode	AB
D751	VHERLZ36B//-1	J	Zener Diode	AC
D752	VHEHZU5.1B2-1	J	Zener Diode	AC
D753	VHEHZU5.1B2-1	J	Zener Diode	AC
D754	VHDSFPB74//-1	J	Diode	AD
D755	VHDSFPB74//-1	J	Diode	AD
D756	VHEHZU12B3/-1	J	Diode	AC
D761	VHDSFPB74//-1	J	Diode	AD
D763	VHDRLS245//-1	J	Diode	AB
D764	VHD1SS355//-1	J	Diode	AB
D766	VHDDAN202K/-1	J	Diode	AB
D768	VHERLZ8.2A/-1	J	Zener Diode	AC
D769	VHD1SS355//-1	J	Diode	AB
D770	VHD1SS355//-1	J	Diode	AB
⚠ D772	VHDS1WBA60B-1	J	Bridge Diode	AG
D773	VHD1SS355//-1	J	Diode	AB
D774	VHD1SS355//-1	J	Diode	AB
D775	VHDRLS245//-1	J	Diode	AB
D776	VHDRLS245//-1	J	Diode	AB
D777	VHDSFPL52V/-1	J	Diode	AD

RDENCA071WJZZ (LC-26GA4U) RDENCA095WJZZ (LC-26GA4D) POWER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
D778	VHDSFPB74//-1	J	Diode	AD
D779	VHEHZU6.8B2-1	J	Zener Diode	AC
D780	VHDDAN202K/-1	J	Diode	AB
D781	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
D782	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
D783	VHD1SS355//-1	J	Diode	AB
D784	VHDSFPB74//-1	J	Diode	AD
D785	VHDSFPB74//-1	J	Diode	AD
D786	VHDSFPB74//-1	J	Diode	AD
D787	VHDSFPB74//-1	J	Diode	AD
D788	VHDSFPB74//-1	J	Diode	AD
D789	VHD1SS355//-1	J	Diode	AB
D791	VHD1SS355//-1	J	Diode	AB
D792	VHD1SS355//-1	J	Diode	AB
D793	VHD1SS355//-1	J	Diode	AB
D794	VHD1SS355//-1	J	Diode	AB
D795	VHD1SS355//-1	J	Diode	AB
D796	VHD1SS355//-1	J	Diode	AB
D797	VHD1SS355//-1	J	Diode	AB
D798	VHDSFPB74//-1	J	Diode	AD
TH701	VHSM5R110C/-1	J	Thermistor, M5R110C	AF
TH702	VHSM8R207C/-1	J	Thermistor, M8R207	AE
⚠ VA701	VHVTNR10V471K	J	Varistor, TNR10V471K (LC-26GA4U)	AD
⚠ VA702	VHVTNR10V471K	J	Varistor, TNR10V471K	AD
⚠ VA703	VHVTNR10V471K	J	Varistor, TNR10V471K	AD

COILS

Ref. No.	Part No.	★	Description	Code
⚠ L701	RCiLZ1258SNEZ	J	Line Filter, Z1258 (LC-26GA4U)	AN
⚠ L701	RCiLZ1286SNEZ	J	Line Filter, Z1286 (LC-26GA4D)	
⚠ L702	RCiLZ1258SNEZ	J	Line Filter, Z1258 (LC-26GA4U)	AN
⚠ L702	RCiLZ1286SNEZ	J	Line Filter, Z1286 (LC-26GA4D)	
L703	RCiLC1276SNEZ	J	Choke Coil, EE36A	AP
L705	RCiLC1273SNEZ	J	Choke Coil, TSL0709	AE
L706	RCiLC1278SNEZ	J	Choke Coil, TSL1315	AG
L707	RCiLC1279SNEZ	J	Choke Coil, TSL1112	AE
L708	RCiLC1279SNEZ	J	Choke Coil, TSL1112	AE
L709	RCiLC1262SNEZ	J	Choke Coil, TSL1112	AF
L710	RCiLC1280SNEZ	J	Choke Coil, A7503HY-471M	AF
L711	RCiLC1279SNEZ	J	Choke Coil, TSL1112	AE
L712	RCiLC1279SNEZ	J	Choke Coil, TSL1112	AE
L713	RCiLC1281SNEZ	J	Choke Coil, TSL0808	AD
L714	RCiLC1252SNEZ	J	Choke Coil, TSL0709	AE
L716	RCiLC1278SNEZ	J	Choke Coil, TSL1315	AG
L717	RCiLC1279SNEZ	J	Choke Coil, TSL1112	AE
L718	RCiLZ1258SNEZ	J	Line Filter, Z1258 (LC-26GA4U)	AN
L718	RCiLZ1286SNEZ	J	Line Filter, Z1286 (LC-26GA4D)	

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
⚠ PC701	VHPPC123X2YFZ	J	Photo Coupler	AD
⚠ PC702	VHPPC123X2YFZ	J	Photo Coupler	AD
⚠ PC703	VHPPC123X2YFZ	J	Photo Coupler	AD
⚠ PC704	VHPPC123X2YFZ	J	Photo Coupler	AD
⚠ PC705	VHPPC123X2YFZ	J	Photo Coupler	AD
⚠ PC706	VHPPC123X2YFZ	J	Photo Coupler	AD

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T701	RTRNP1252SNEZ	J	Transformer	AR
T702	RTRNP1261SNEZ	J	Transformer	AF
⚠ T703	RTRNP1250SNEZ	J	Transformer	AN
⚠ T704	RTRNP1251SNEZ	J	Transformer	AK
⚠ T705	RTRNP1251SNEZ	J	Transformer	AK
⚠ T706	RTRNP1253SNEZ	J	Transformer	AR

CAPACITORS

Ref. No.	Part No.	★	Description	Code
⚠ C701	RCM2E224LEMSC	J	0.22 275V Film	AD
⚠ C702	RCM2E224LEMSC	J	0.22 275V Film	AD
⚠ C703	RCDE1010E222M	J	2200p 250V Ceramic	AD
⚠ C704	RCDE1010E222M	J	2200p 250V Ceramic	AD
⚠ C705	RCDE1010E222M	J	2200p 250V Ceramic	AD
C706	RC-M2G824MDSC	J	0.82 400V Film	AG
C707	RC-M2G824MDSC	J	0.82 400V Film	AG
C708	RCK45R3D221KV	J	220p 3kV Ceramic	AC
C709	RC-E2W686KXGZ	J	68 450V Electrolytic	AL
C710	RC-E2W686KXGZ	J	68 450V Electrolytic	AL
C711	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C712	RC-E1H226SNKY	J	22 50V Electrolytic	AD
C713	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C714	VCKYTV1EB224K	J	0.22 25V Ceramic	AB
C715	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C716	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C717	VCKYCY1HB473K	J	0.047 50V Ceramic	AA
C718	VCKYTQ1VB105K	J	1 35V Ceramic	AC
C719	VCKYCY1HB222K	J	2200p 50V Ceramic	AA
C720	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C721	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C722	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C723	RCM2W334HCE-S	J	0.33 450V Film	AF
C724	VCKYTV1EB224K	J	0.22 25V Ceramic	AB
C725	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C726	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C727	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C728	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
⚠ C729	RCDE1010E222M	J	2200p 250V Ceramic (LC-26GA4U)	AD
⚠ C730	RCDE1010E222M	J	2200p 250V Ceramic (LC-26GA4U)	AD
C731	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C732	RC-E1H226SNKY	J	22 50V Electrolytic	AD
C733	RCK45R3D471KV	J	470p 3kV Ceramic	AC
C736	RC-E2W336KXGZ	J	33 450V Electrolytic	AK
C737	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C738	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
⚠ C739	RCDE1010E222M	J	2200p 250V Ceramic	AD
⚠ C740	RCDE1010E222M	J	2200p 250V Ceramic	AD
C741	RCM2W224HCE-S	J	0.22 450V Film	AF
C742	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C743	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C744	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C745	VCKYCY1AB105K	J	1 10V Ceramic	AA
C746	VCKYTV1AB475K	J	4.7 10V Ceramic	AC
C747	VCKYTV1EB224K	J	0.22 25V Ceramic	AB
C748	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C749	VCKYCY1AB105K	J	1 10V Ceramic	AA
C750	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C751	VCKYCY1HB152K	J	1500p 50V Ceramic	AA
C752	VCKYCY1HB683K	J	0.068 50V Ceramic	AB
C753	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C754	VCKYCY1HB683K	J	0.068 50V Ceramic	AB
C755	VCKYTV1HB224K	J	0.22 25V Ceramic	AB
C756	VCKYTV1HB224K	J	0.22 25V Ceramic	AB
C757	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C758	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C759	RC-E1E687SNKY	J	680 25V Electrolytic	AE
C760	RC-E1E687SNKY	J	680 25V Electrolytic	AE
C761	RC-E1E687SNKY	J	680 25V Electrolytic	AE
C762	VCKYTQ1VB105K	J	1 35V Ceramic	AC
C763	VCKYTV1CB474K	J	0.47 16V Ceramic	AC
C764	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C765	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C766	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C767	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C768	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C769	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C770	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C771	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C772	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C773	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C774	VCCCCY1HH101J	J	100p 50V Ceramic	AA

RDENCA071WJZZ
POWER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C775	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C776	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C777	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C778	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C779	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C780	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C781	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C782	VCKYTV2AR103K	J	0.01 100V Ceramic	
C783	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C784	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C785	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C786	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C787	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C788	RC-E1V107SNKY	J	100 35V Electrolytic	AD
C789	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C800	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C801	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C802	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C803	RC-E1V107SNKY	J	100 35V Electrolytic	AD
C804	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C805	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C806	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C807	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C808	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C809	RC-E1V107SNKY	J	100 35V Electrolytic	AD
C810	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C812	VCKYCY1AB105K	J	1 10V Ceramic	AA
C813	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C815	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C816	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C818	RC-E1V107SNKY	J	100 35V Electrolytic	AD
C819	RC-E1V107SNKY	J	100 35V Electrolytic	AD
C820	RC-E1V107SNKY	J	100 35V Electrolytic	AD
C821	RC-E1V107SNKY	J	100 35V Electrolytic	AD
C822	RC-M2E473RESC	J	0.047 275V Film	AE
C823	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C824	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C825	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C826	RC-E1H105SNKY	J	1 50V Electrolytic	AD
C827	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C828	VCKYCY1AB105K	J	1 10V Ceramic	AA
C829	VCKYCY1HB473K	J	0.047 50V Ceramic	AA
C830	VCKYCY1HB332K	J	3300p 50V Ceramic	AA
C831	VCKYCY1HB332K	J	3300p 50V Ceramic	AA
C832	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C833	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C834	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C835	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C836	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C837	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C838	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C839	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C840	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C841	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C842	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C843	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C844	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C845	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
C846	VCKYTV1AB225K	J	2.2 10V Ceramic	AC
C847	VCKYCY1HB332K	J	3300p 50V Ceramic	AA
C848	RC-E1H226SNKY	J	22 50V Electrolytic	AD
C849	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C851	RC-E1E337SKZE	J	330 25V Electrolytic	AD
C852	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C853	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C854	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C855	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C856	VCCCCY1HH101J	J	100p 50V Ceramic	AA
⚠ C858	RCDE1010E222M	J	2200p 250V Ceramic	AD
⚠ C859	RCDE1010E222M	J	2200p 250V Ceramic	AD
C860	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C863	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C864	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C865	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C866	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C867	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C868	VCKYCY1EB104K	J	0.1 25V Ceramic	AA
C869	VCKYCY1EB104K	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
⚠ R701	RR-RCR50+395J	J	3.9M 1/2W Metal Oxide	AD
⚠ R702	RR-RCR50+395J	J	3.9M 1/2W Metal Oxide	AD
R703	VRS-TW2ED124J	J	120k 1/4W Metal Oxide	AB
R704	VRS-TW2ED124J	J	120k 1/4W Metal Oxide	AB
R705	VRS-TW2ED124J	J	120k 1/4W Metal Oxide	AB
R706	VRS-TW2ED124J	J	120k 1/4W Metal Oxide	AB
R707	VRS-RE3DA223J	J	22k 2W Metal Oxide	
R708	VRS-RE3DA223J	J	22k 2W Metal Oxide	
R710	RR-RVC20105-1	J	1M 1/10W Metal Oxide	AB
R711	RR-RVC20105-1	J	1M 1/10W Metal Oxide	AB
R712	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R713	VRS-TS2AD223J	J	22k 1/10W Metal Oxide	AA
R714	VRS-TS2AD000J	J	0 1/10W Metal Oxide	AB
R715	VRS-TS2AD183J	J	18k 1/10W Metal Oxide	AA
R716	VRS-TW2ED120J	J	12 1/4W Metal Oxide	AB
R717	RR-HRNMR15J2C	J	0.15 2W Metal Oxide	AD
R718	VRS-TS2AD101J	J	100 1/10W Metal Oxide	AA
R719	RR-HRNMR15J2C	J	0.15 2W Metal Oxide	AD
R720	VRS-TS2AD101J	J	100 1/10W Metal Oxide	AA
R730	VRS-TS2AD183J	J	18k 1/10W Metal Oxide	AA
R731	VRS-TS2AD000J	J	0 1/10W Metal Oxide	AB
R732	VRS-TW2ED120J	J	12 1/4W Metal Oxide	AB
R733	VRS-TS2AD101J	J	100 1/10W Metal Oxide	AA
R734	VRS-TS2AD271J	J	270 1/10W Metal Oxide	AA
R735	VRS-TS2AD101J	J	100 1/10W Metal Oxide	AA
R736	RR-RVC32754F1	J	750k 1/8W Metal Oxide	AC
R737	RR-RVC32824F1	J	820k 1/8W Metal Oxide	AC
R738	RR-RVC32754F1	J	750k 1/8W Metal Oxide	AC
R739	RR-RVC32105F1	J	1M 1/8W Metal Oxide	AC
R740	VRS-TS2AD103F	J	10k 1/10W Metal Oxide	AA
R741	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R742	VRS-TS2AD221J	J	220 1/10W Metal Oxide	AA
R743	VRS-TS2AD103F	J	10k 1/10W Metal Oxide	AA
R744	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R745	VRS-TS2AD103F	J	10k 1/10W Metal Oxide	AA
R746	VRS-TS2AD101J	J	100 1/10W Metal Oxide	AA
R747	VRS-TS2AD223J	J	22k 1/10W Metal Oxide	AA
R748	VRS-TS2AD104J	J	100k 1/10W Metal Oxide	AA
R749	VRS-TS2AD223J	J	22k 1/10W Metal Oxide	AA
R750	VRS-TS2AD562J	J	5.6k 1/10W Metal Oxide	AA
R751	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R752	VRS-TS2AD223J	J	22k 1/10W Metal Oxide	AA
R753	VRS-TS2AD223J	J	22k 1/10W Metal Oxide	AA
R754	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R755	VRS-TW2ED3R3J	J	3.3 1/4W Metal Oxide	AB
R756	VRS-TW2ED274J	J	270k 1/4W Metal Oxide	AB
R759	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R760	VRS-TW2ED331J	J	330 1/4W Metal Oxide	AA
R761	VRS-TW2ED224J	J	220k 1/4W Metal Oxide	AB
R762	VRS-TW2ED224J	J	220k 1/4W Metal Oxide	AB
R763	VRS-TW2ED184J	J	180k 1/4W Metal Oxide	AB
R764	VRS-TW2ED184J	J	180k 1/4W Metal Oxide	AB
R765	VRS-TW2ED184J	J	180k 1/4W Metal Oxide	AB
R766	RR-HRSM1R5J3W	J	1.5 3W Metal Oxide	AD
R767	VRS-TS2AD183J	J	18k 1/10W Metal Oxide	AA
R768	VRS-TW2ED224J	J	220k 1/4W Metal Oxide	AB
R769	VRS-TW2ED221J	J	220 1/4W Metal Oxide	AA
R770	VRS-TW2ED221J	J	220 1/4W Metal Oxide	AA
R771	VRS-TW2ED102J	J	1k 1/4W Metal Oxide	AA
R772	VRS-TW2ED272J	J	2.7k 1/4W Metal Oxide	AB
R773	VRS-TS2AD151J	J	150 1/10W Metal Oxide	AA
R774	VRS-TS2AD222J	J	2.2k 1/10W Metal Oxide	AA
R775	VRS-TS2AD101J	J	100 1/10W Metal Oxide	AA
R776	VRS-TS2AD122J	J	1.2k 1/10W Metal Oxide	AA
R777	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R778	VRS-TS2AD223J	J	22k 1/10W Metal Oxide	AA

RDENCA071WJZZ (LC-26GA4U)
RDENCA095WJZZ (LC-26GA4D)
POWER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R779	VRS-TS2AD681J	J	680 1/10W Metal Oxide	AA
R780	VRS-TS2AD100J	J	10 1/10W Metal Oxide	AA
R781	VRS-TS2AD220J	J	22 1/10W Metal Oxide	AA
R782	VRS-TS2AD681J	J	680 1/10W Metal Oxide	AA
R783	VRS-TS2AD100J	J	10 1/10W Metal Oxide	AA
R784	VRS-TS2AD220J	J	22 1/10W Metal Oxide	AA
R785	VRS-TS2AD681J	J	680 1/10W Metal Oxide	AA
R786	VRS-TS2AD100J	J	10 1/10W Metal Oxide	AA
R787	VRS-TS2AD220J	J	22 1/10W Metal Oxide	AA
R788	VRS-TS2AD681J	J	680 1/10W Metal Oxide	AA
R789	VRS-TS2AD100J	J	10 1/10W Metal Oxide	AA
R790	VRS-TS2AD220J	J	22 1/10W Metal Oxide	AA
R791	VRS-TS2AD203F	J	20k 1/10W Metal Oxide	AA
R792	VRS-TS2AD202F	J	2k 1/10W Metal Oxide	AA
R793	VRS-TS2AD202F	J	2k 1/10W Metal Oxide	AA
R794	VRS-TS2AD243F	J	24k 1/10W Metal Oxide	AA
R795	VRS-TS2AD101J	J	100 1/10W Metal Oxide	AA
R796	VRS-TS2AD202F	J	2k 1/10W Metal Oxide	AA
R797	VRS-TS2AD243F	J	24k 1/10W Metal Oxide	AA
R798	VRS-TS2AD203F	J	20k 1/10W Metal Oxide	AA
R799	VRS-TS2AD752F	J	7.5k 1/10W Metal Oxide	AA
R801	VRS-TS2AD220J	J	22 1/10W Metal Oxide	AA
R802	VRS-TS2AD000J	J	0 1/10W Metal Oxide	AB
R803	VRS-TS2AD104J	J	100k 1/10W Metal Oxide	AA
R804	VRS-TS2AD203F	J	20k 1/10W Metal Oxide	AA
R805	VRS-TS2AD134F	J	130k 1/10W Metal Oxide	AA
R806	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R807	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R808	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R809	VRS-TS2AD272J	J	2.7k 1/10W Metal Oxide	AA
R810	VRS-TS2AD221J	J	220 1/10W Metal Oxide	AA
R811	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R812	VRS-TS2AD331J	J	330 1/10W Metal Oxide	AA
R813	VRS-TS2AD114F	J	110k 1/10W Metal Oxide	AA
R814	VRS-TS2AD363F	J	36k 1/10W Metal Oxide	AA
R815	VRS-TS2AD272J	J	2.7k 1/10W Metal Oxide	AA
R816	VRS-TS2AD221J	J	220 1/10W Metal Oxide	AA
R817	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R818	VRS-TS2AD331J	J	330 1/10W Metal Oxide	AA
R819	VRS-TS2AD132J	J	1.3k 1/10W Metal Oxide	AA
R820	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R821	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R822	VRS-TW2ED102J	J	1k 1/4W Metal Oxide	AA
R823	VRS-TS2AD821J	J	820 1/10W Metal Oxide	AA
R824	VRS-TW2ED152J	J	1.5k 1/4W Metal Oxide	AA
R826	VRS-TS2AD222J	J	2.2k 1/10W Metal Oxide	AA
R827	VRS-TS2AD223J	J	22k 1/10W Metal Oxide	AA
R828	VRS-TS2AD471J	J	470 1/10W Metal Oxide	AA
R829	VRS-TS2AD221J	J	220 1/10W Metal Oxide	AA
R830	VRS-TS2AD100J	J	10 1/10W Metal Oxide	AA
R831	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R832	VRS-TS2AD000J	J	0 1/10W Metal Oxide	AB
R833	VRS-TS2AD622F	J	6.2k 1/10W Metal Oxide	AA
R834	VRS-TS2AD131F	J	130 1/10W Metal Oxide	AA
R835	VRS-TS2AD102F	J	1k 1/10W Metal Oxide	AA
R837	VRS-TS2AD472J	J	4.7k 1/10W Metal Oxide	AA
R838	VRS-TS2AD472J	J	4.7k 1/10W Metal Oxide	AA
R839	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R840	VRS-TS2AD471J	J	470 1/10W Metal Oxide	AA
R841	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R842	VRS-TS2AD393F	J	39k 1/10W Metal Oxide	AA
R843	VRS-TS2AD103F	J	10k 1/10W Metal Oxide	AA
R844	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R845	VRS-TS2AD593F	J	59k 1/10W Metal Oxide	AA
R846	VRS-TS2AD822F	J	8.2k 1/10W Metal Oxide	AA
R847	VRS-TS2AD471J	J	470 1/10W Metal Oxide	AA
R848	VRS-TS2AD332J	J	3.3k 1/10W Metal Oxide	AA
R849	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R850	VRS-TS2AD133F	J	13k 1/10W Metal Oxide	AA
R851	VRS-TS2AD752F	J	7.5k 1/10W Metal Oxide	AA
R852	VRS-TS2AD471J	J	470 1/10W Metal Oxide	AA
R853	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R854	VRS-TS2AD332F	J	3.3k 1/10W Metal Oxide	AA
R855	VRS-TS2AD682F	J	6.8k 1/10W Metal Oxide	AA
R856	VRS-TS2AD471J	J	470 1/10W Metal Oxide	AA
R857	VRS-TS2AD471J	J	470 1/10W Metal Oxide	AA
R858	VRS-TS2AD623F	J	62k 1/10W Metal Oxide	AA
R859	VRS-TS2AD822F	J	8.2k 1/10W Metal Oxide	AA
R860	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R861	VRS-TS2AD472J	J	4.7k 1/10W Metal Oxide	AA
R862	VRS-TS2AD472J	J	4.7k 1/10W Metal Oxide	AA
R864	VRS-TS2AD221J	J	220 1/10W Metal Oxide	AA
R865	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R866	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R867	VRS-TS2AD133F	J	13k 1/10W Metal Oxide	AA
R868	VRS-TS2AD912F	J	9.1k 1/10W Metal Oxide	AA
R871	VRS-TS2AD562J	J	5.6k 1/10W Metal Oxide	AA
R872	VRS-TS2AD222J	J	2.2k 1/10W Metal Oxide	AA
R873	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R877	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R878	VRS-TS2AD152J	J	1.5k 1/10W Metal Oxide	AA
R879	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R882	RR-HRNMR47J2F	J	0.47 2W Metal Oxide	AD
R883	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R884	VRS-TS2AD561J	J	560 1/10W Metal Oxide	AA
R885	VRS-TW2ED274J	J	270k 1/4W Metal Oxide	AB
R886	VRS-TS2AD472J	J	4.7k 1/10W Metal Oxide	AA
R887	VRS-TW2ED3R3J	J	3.3 1/4W Metal Oxide	AB
R888	VRS-TS2AD223J	J	22k 1/10W Metal Oxide	AA
R889	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R890	VRS-TS2AD101J	J	100 1/10W Metal Oxide	AA
R891	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R892	VRS-TS2AD393F	J	39k 1/10W Metal Oxide	AA
R893	VRS-TS2AD103F	J	10k 1/10W Metal Oxide	AA
R894	VRS-TS2AD471J	J	470 1/10W Metal Oxide	AA
R896	VRS-TS2AD000J	J	0 1/10W Metal Oxide	AB
R897	VRS-TS2AD000J	J	0 1/10W Metal Oxide	AB
R900	VRS-TS2AD102J	J	1k 1/10W Metal Oxide	AA
R901	VRS-TS2AD224J	J	220k 1/10W Metal Oxide	AA
R902	VRS-TS2AD103J	J	10k 1/10W Metal Oxide	AA
R903	VRS-TS2AD203F	J	20k 1/10W Metal Oxide	AA
R904	VRS-TS2AD752F	J	7.5k 1/10W Metal Oxide	AA
R905	VRS-TS2AD221J	J	220 1/10W Metal Oxide	AA
R906	VRS-TS2AD221J	J	220 1/10W Metal Oxide	AA
R907	VRS-TS2AD681J	J	680 1/10W Metal Oxide	AA
R908	VRS-TS2AD681J	J	680 1/10W Metal Oxide	AA
R909	VRS-TS2AD681J	J	680 1/10W Metal Oxide	AA
R910	VRS-TS2AD681J	J	680 1/10W Metal Oxide	AA
R911	VRS-TP2BD000J	J	0 1/8W Metal Oxide	AA
R912	VRS-TP2BD000J	J	0 1/8W Metal Oxide	AA
R913	VRS-TP2BD000J	J	0 1/8W Metal Oxide	AA
R914	VRS-TS2AD101J	J	100 1/10W Metal Oxide	AA
R915	VRS-TS2AD000J	J	0 1/10W Metal Oxide	AB
R916	VRS-TS2AD000J	J	0 1/10W Metal Oxide (LC-26GA4U)	AB
R916	VRS-TS2AD330J	J	33 1/10W Metal Oxide (LC-26GA4D)	
R917	VRS-TS2AD000J	J	0 1/10W Metal Oxide (LC-26GA4U)	AB
R917	VRS-TS2AD330J	J	33 1/10W Metal Oxide (LC-26GA4D)	
R918	VRS-TS2AD000J	J	0 1/10W Metal Oxide (LC-26GA4U)	AB
R918	VRS-TS2AD330J	J	33 1/10W Metal Oxide (LC-26GA4D)	
R919	VRS-TS2AD000J	J	0 1/10W Metal Oxide (LC-26GA4U)	AB
R919	VRS-TS2AD330J	J	33 1/10W Metal Oxide (LC-26GA4D)	
R920	VRS-TS2AD000J	J	0 1/10W Metal Oxide (LC-26GA4U)	AB
R920	VRS-TS2AD330J	J	33 1/10W Metal Oxide (LC-26GA4D)	
R921	VRS-TS2AD000J	J	0 1/10W Metal Oxide (LC-26GA4U)	AB
R921	VRS-TS2AD330J	J	33 1/10W Metal Oxide (LC-26GA4D)	

RDENCA071WJZZ (LC-26GA4U)
RDENCA095WJZZ (LC-26GA4D)
POWER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R922	VRS-TS2AD472J	J	4.7k 1/10W Metal Oxide	AA
R923	VRS-TS2AD472J	J	4.7k 1/10W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F701	QFS-A1130SNEZ	J	Fuse, 3.15A/250V	AF
⚠ F702	QFS-A1130SNEZ	J	Fuse, 3.15A/250V	AF
⚠ F703	QFS-A1129SNEZ	J	Fuse, 2A/250V	AF
⚠ F704	QFS-T1107SNEZ	J	Fuse, 117°C/2A	AE
⚠ F705	QFS-A1154SNEZ	J	Fuse, 1A/DC450V	AL
⚠ F706	QFS-A1155SNEZ	J	Fuse, 5A/250V	AE
⚠ F707	QFS-A1155SNEZ	J	Fuse, 5A/250V	AE
⚠ CN701	QSOCA1013SNEZ	J	AC Inlet(LC-26GA4D)	AF
⚠ CN701	QSOCA1014SNEZ	J	AC Inlet(LC-26GA4U)	AF
CN702	QCNCM1833SNEZ	J	Connector, B02B-PASK-1 (LC-26GA4U)	AB
CN704	QCNW-1839SNEZ	J	Connector, 13-pin	AQ
CN705	QCNCM1835SNEZ	J	Connector, 16-pin	AF
CN706	QCNCM1835SNEZ	J	Connector, 16-pin	AF
CN707	QCNCM1836SNEZ	J	Connector, 20-pin	AG
CN708	QCNCM1840SNEZ	J	Connector, 8-pin	
CNW701	QCNW-1837SNEZ	J	Earth Lead(LC-26GA4U)	
⚠ GA701	VHVRA-302M-V7	J	Sarge(LC-26GA4U)	
⚠ RL701	RRLYD1011SNEZ	J	Relay, FTR-H1AA005T	AL
	LANGK3001SNEZ	J	Inlet Angle	AG
	LX-BZ1001SNEZ	J	Washer, x2	AB
	PRDAF3017SNEZ	J	Radiating Plate(A)	AK
	PRDAF3018SNEZ	J	Radiating Plate(B)	
	XBPSN30P08ES0	J	Screw, x10	AB

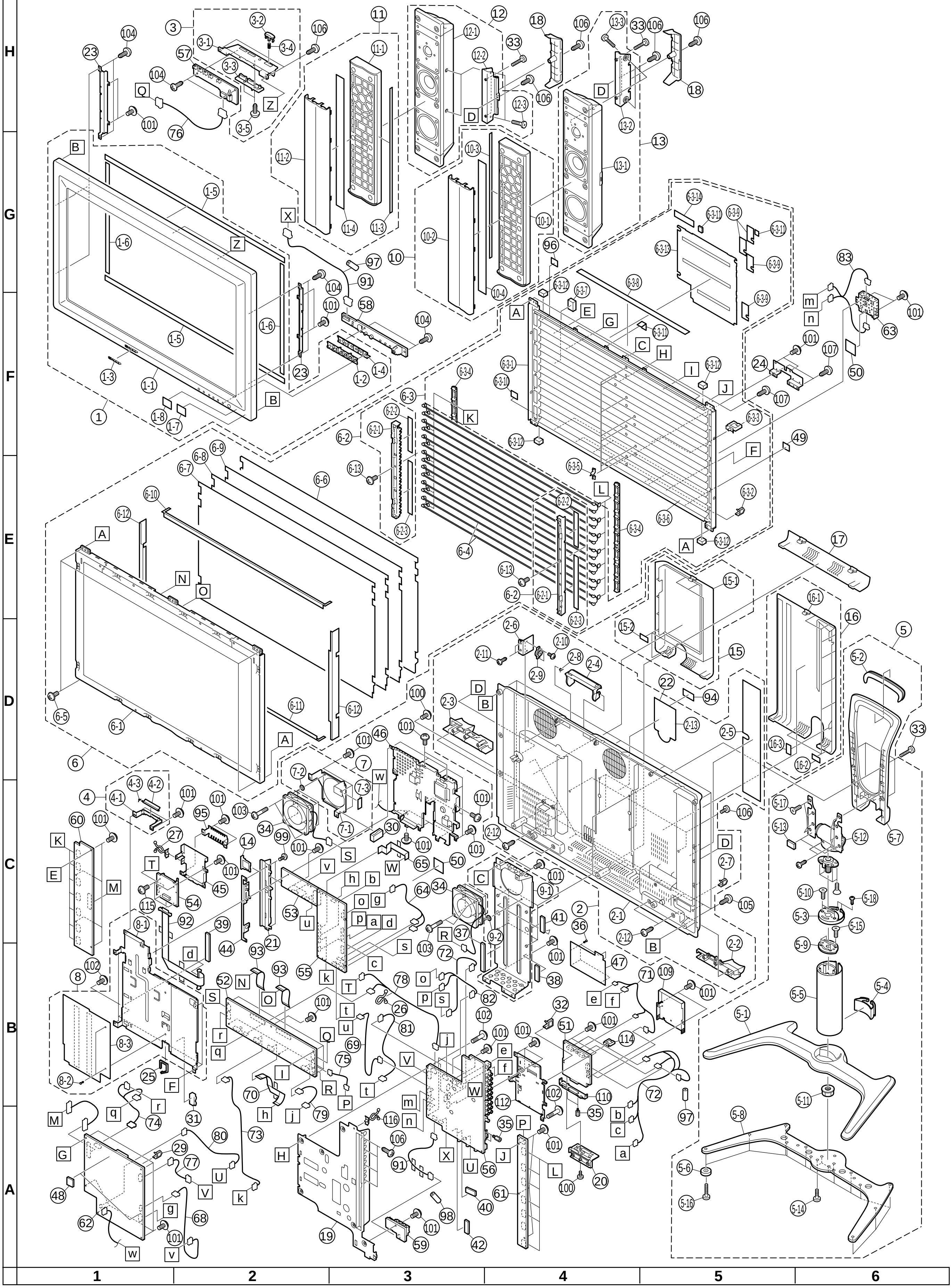
CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
1	CCABAA631WJ01	J	Cabinet A Ass'y (LC-26GA4U)	BG
1	CCABAA631WJ03	J	Cabinet A Ass'y (LC-26GA4D)	
1-1	*Not Available*	–	Cabinet-A	—
1-2	GCOVAA709WJSA	J	LED Cover	AF
1-3	HBDGBA037WJSA	J	"SHARP" Badge	AM
1-4	PCOVUA043WJZZ	J	Light Shielding Cover, x1	AF
1-5	PSPAHA323WJZZ	J	Mask Spacer, x2	AD
1-6	PSPAHA324WJZZ	J	Mask Spacer, x2	AC
1-7	TLABZA635WJZZ	J	"Energy Star" Label (LC-26GA4U)	AC
1-8	TLABZA676WJZZ	J	"POP" Label	
2	CCABBA416WJ01	J	Cabinet B Ass'y (LC-26GA4U)	BG
2	CCABBA479WJ01	J	Cabinet B Ass'y (LC-26GA4D)	
2-1	*Not Available*	–	Cabinet-B	—
2-2	GCOVAA791WJKB	J	Speaker Cover	AH
2-3	GCOVAA792WJKB	J	Speaker Cover	AH
2-4	GDORTA005WJKA	J	PC Card Flap Door	AH
2-5	HiNDPB020WJSA	J	Terminal Indication Label	AL
2-6	LANGKA236WJFW	J	Damper Fixing Angle	AE
2-7	LHLDWA048WJKZ	J	Wire Holder, x5	AB
2-8	MSPRDA020WJFW	J	Spring	AC
2-9	PDMPFA002WJZZ	J	Damper	AG
2-10	XBPSN20P05000	J	Screw, x2	AA
2-11	XEBSN30P08000	J	Screw, x1	AA
2-12	XEBSN40P10000	J	Screw, x4	AB
2-13	HiNDPB168WJSA	J	Model Label(LC-26GA4D)	
3	CCOVAA873WJ01	J	Top Cover Ass'y	AS
3-1	*Not Available*	–	Top Cove	—
3-2	JBTN-A254WJKB	J	Power Button	AG
3-3	JBTN-A259WJKB	J	Operation Button	AH
3-4	MSPRCA015WJFW	J	Spring, for Power Button	AB
3-5	XEBSN30P08000	J	Screw, x2	AA
4	CCOVAA717WJ01	J	PC Card Cover Ass'y	AH
4-1	*Not Available*	–	PC Card Cover	—
4-2	GCOVA2061CEKB	J	Flap Door	AD
4-3	MSPRDA024WJFW	J	Spring, x1	AB
5	CDAi-A112WJ04	J	Stand Ass'y	BW
5-1	GDAi-A112WJKB	J	Stand, Base	BA
5-2	GCOVAA713WJSA	J	Stand Grip	AH
5-3	GCOVAA716WJKB	J	Swivel Cover	AH
5-4	GCOVAA894WJKB	J	Edge Cover	AN
5-5	GDAi-A121WJSB	J	Stand Support	AZ
5-6	GLEGPA028WJZZ	J	Leg, x13	AC
5-7	JHNDPA010WJKB	J	Stand Handle	AY
5-8	LANGKA234WJSA	J	Base Angle	BD
5-9	LANGKA235WJFN	J	Swivel Base	AF
5-10	LX-BZA019WJFN	J	Screw, x2	AB
5-11	LX-NZA001WJFN	J	Nut, x1	AD
5-12	MHNG-A071WJ02	J	Hinge Ass'y	BE
5-13	PSPAZA083WJZZ	J	Cushion Spacer, x2	AB
5-14	XCBS950P25000	J	Screw, x4	AC
5-15	XCSSN50P20000	J	Screw, x4	AB
5-16	XEBS940P14000	J	Screw, x13	AB
5-17	XESSN40P10000	J	Screw, x8	AB
5-18	XJPS920P10000	J	Screw, x2	AB
6	*Not Available*	–	26" LCD Panel Unit Ass'y	—
6-1	RLCDTA029WJZZ	J	26" LCD Panel Unit	DU
6-2	CHLDZA328WJ01	J	Lamp Holder Ass'y(Top), x2	AN
6-2-1	LHLDZA328WJKZ	J	Lamp Holder(Top)	AM
6-2-2	PSPAKA053WJZZ	J	Spacer, x1	AD
6-2-3	PSPAKA054WJZZ	J	Spacer, x1	AC
6-3	*Not Available*	–	Back Shield Ass'y	—

CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
6-3-1	PSLDMA339WJFW	J	Back Shield	BE
6-3-2	LHLDW1076GEZZ	J	Wire Holder, x3	AA
6-3-3	LHLDWA049WJKZ	J	Wire Holder, x1	AC
6-3-4	LHLDZA327WJKZ	J	Lamp Holder(Bottom), x2	AL
6-3-5	LHLDZA329WJKZ	J	Lamp Clip, x7	AD
6-3-6	PMiR-A039WJZZ	J	Reflection Mirror	BC
6-3-7	PSPAGA203WJZZ	J	Spacer, x1	AC
6-3-8	PSPAHA368WJZZ	J	Spacer, x1	AD
6-3-9	PSPAHA369WJZZ	J	Spacer, x4	AC
6-3-10	PSPAHA370WJZZ	J	Spacer, x4	AB
6-3-11	PSPAKA057WJZZ	J	Light Shielding Spacer, x5	AC
6-3-12	PSPAZA486WJZZ	J	Spacer, x4	AC
6-3-13	PZETEA009WJKZ	J	Insulating Spacer, x1	AP
6-3-14	TCAUZA031WJZZ	J	Caution Label	AB
⚠ 6-4	KLMP-A026WJZZ	J	Lamp Unit, x7	BA
6-5	LX-BZA051WJFN	J	Screw, x4	AB
6-6	PCOVUA026WJZZ	J	Diffusion Panel	BA
6-7	PSHEPA164WJZZ	J	Reflection/Deflection Sheet	BS
6-8	PSHEPA165WJZZ	J	Prism Sheet	BH
6-9	PSHEPA166WJZZ	J	Diffusion Sheet	AS
6-10	PSPAZA484WJZZ	J	Sheet Spacer, x1	AK
6-11	PSPAZA535WJZZ	J	Sheet Spacer, x1	AM
6-12	PSPAZA536WJZZ	J	Sheet Spacer, x2	AH
6-13	XBPSN30P08JS0	J	Screw, x2	AB
7	*Not Available*	–	Fan Angle Ass'y	—
7-1	LANGFA088WJFW	J	Fan Angle	AL
7-2	PSPAGA187WJ00	J	Fan Spacer, x4	AB
7-3	PSPAHA366WJZZ	J	Spacer, x1	AB
8	*Not Available*	–	MAIN PWB Angle Ass'y	—
8-1	LANGKA301WJFW	J	MAIN PWB Angle	BA
8-2	PCLiC1033CEZZ	J	Clip, x2	AC
8-3	PZETEA010WJKZ	J	Insulating Spacer	AP
9	*Not Available*	–	Center Angle Ass'y	—
9-1	LANGTA117WJFW	J	Center Angle	AS
9-2	PSPAGA187WJ00	J	Fan Spacer, x4	AB
10	CPNLSA021WJ06	J	Speaker Panel(R) Ass'y	BD
10-1	*Not Available*	–	Speaker Panel(R)	—
10-2	HPNC-A070WJSB	J	Speaker Net	AW
10-3	PSPAZA451WJZZ	J	Spacer, x1	AC
10-4	PSPAZA452WJZZ	J	Spacer, x1	AK
11	CPNLSA021WJ05	J	Speaker Panel(L) Ass'y	BD
11-1	*Not Available*	–	Speaker Panel(L)	—
11-2	HPNC-A070WJSB	J	Speaker Net	AW
11-3	PSPAZA451WJZZ	J	Spacer, x1	AC
11-4	PSPAZA452WJZZ	J	Spacer, x1	AK
12	*Not Available*	–	Speaker Box(R) Ass'y	—
12-1	RSP-ZA074WJN2	J	Speaker Box(R)	BQ
12-2	GCOVAA789WJKA	J	Bracket Cover	AQ
12-3	XBBS950P16000	J	Screw, x2	AA
13	*Not Available*	–	Speaker Box(L) Ass'y	—
13-1	RSP-ZA074WJN1	J	Speaker Box(L)	BQ
13-2	GCOVAA789WJKA	J	Bracket Cover	AQ
13-3	XBBS950P16000	J	Screw, x2	AA
14	GCOVAA678WJKA	J	CARD Cover	AE
15	CCOVAA719WJ02	J	Terminal Cover(L) Ass'y	AS
15-1	*Not Available*	–	Terminal Cover(L)	—
15-2	PSPAHA413WJZZ	J	Spacer, x5	AB
16	CCOVAA720WJ02	J	Terminal Cover(R) Ass'y	AV
16-1	*Not Available*	–	Terminal Cover(R)	—
16-2	PSPAHA413WJZZ	J	Spacer, x8	AB
16-3	PSPAHA414WJZZ	J	Spacer, x1	AB
17	GCOVAA721WJKB	J	Terminal Cover(B)	AL
18	GCOVAA790WJKB	J	Bracket Cover, x2	AK
19	GCOVAA877WJKA	J	Chassis Frame	AR
20	GCOVAA880WJKA	J	Frame Cover	AH
21	GCOVAA882WJKA	J	Terminal Cover	AH
22	HiNDPB134WJSA	J	Model Label(LC-26GA4U)	AH
23	LANGKA252WJFW	J	Speaker Fixing Angle, x2	AH
24	LANGKA259WJFW	J	Center Angle Fixing Angle	AG
25	LHLDF1111GEZZ	J	Wire Holder, x1	AE
26	LHLDW1003GEZZ	J	Wire Holder, x1	AA
27	LHLDW1047CEUZ	J	Wire Holder, x3	AA
28	LHLDW1060CEZZ	J	Wire Holder, x1	AB
29	LHLDW1076GEZZ	J	Wire Holder, x3	AA
30	LHLDW1173CEZZ	J	Wire Holder, x1	AD
31	LHLDWA050WJUZ	J	Wire Holder, x1	AD
32	LHLDWA060WJKZ	J	Wire Holder, x1	AC
33	LX-BZ3442CEF9	J	Screw, x8	AB
34	NFANR0126CEZZ	J	Cooling Fan, x2	AT
35	NSFTZ0134CEFW	J	Shaft Screw, x4	AD
36	PCLiCA001WJKZ	J	Clip, x4	AC
37	PMLT-A125WJZZ	J	Conductive Spacer	AF
38	PMLT-A126WJZZ	J	Conductive Spacer	AD
39	PMLT-A131WJZZ	J	Conductive Spacer	AU
40	PMLT-A132WJZZ	J	Conductive Spacer	AH
41	PMLT-A133WJZZ	J	Conductive Spacer	AE
42	PMLT-A141WJZZ	J	Conductive Spacer	AF
43	PSLDMA291WJZZ	J	Conductive Tape	AF
44	PSLDMA337WJFW	J	PWB Shield	AL
45	PSLDMA368WJFW	J	PC CARD Shield(Top)	AK
46	PSLDMA427WJFW	J	MAIN Shield(Top)	AV
47	PSLDMA490WJZZ	J	Conductive Sheet	AW
48	PSPAGA203WJZZ	J	Spacer, for POWER Unit, x2	AC
49	PSPAHA370WJZZ	J	Spacer, x4	AB
50	PSPAZA463WJKZ	J	Spacer, x2	AQ
51	DUNTKC267VJ23	–	DVI Unit	—
52	DUNTKC268VJ30	–	LCD CONTROL Unit	—
53	DUNTKC427VJ03	–	CPU Unit	—
54	DUNTKC544VJ03	–	PC CARD Unit	—
55	DUNTKC641VJ11	–	MAIN Unit	—
56	DUNTKC670UJ04	–	AV Unit	—
57	DUNTKC671UJ04	–	KEY Unit	—
58	DUNTKC672UJ04	–	RC/LED Unit	—
59	DUNTKC673UJ04	–	EXT-SP Unit	—
60	RUNTKA075WJZZ	–	INVERTER Unit	—
61	RUNTKA076WJZZ	–	INVERTER-GND Unit	—
62	RDENCA071WJZZ	–	POWER Unit	—
63	B2SX4102BT	J	1-BIT AMP. Unit	BU
64	QCNW-C241WJQZ	J	Connecting Cord(PD/PE)	AP
65	QCNW-C260WJQZ	J	Connecting Cord(FC)	AF
66	QCNW-C313WJQZ	J	Connecting Cord	AL
67	QCNW-C314WJQZ	J	Connecting Cord	AK
68	QCNW-C435WJQZ	J	Connecting Cord(PB)	AL
69	QCNW-C441WJQZ	J	Connecting Cord(DS)	AG
70	QCNW-C527WJQZ	J	Connecting Cord(LV)	AH
71	QCNW-C520WJPZ	J	Connecting Cord(AD/AH)	AN
72	QCNW-C688WJPZ	J	Connecting Cord (MA/MD/ME/MF)	AX
73	QCNW-C239WJQZ	J	Connecting Cord(SH)	AQ
74	QCNW-C245WJQZ	J	Connecting Cord(BL/PO)	AN
75	QCNW-C257WJQZ	J	Connecting Cord(GV)	AK
76	QCNW-C258WJQZ	J	Connecting Cord(KM)	AG
77	QCNW-C244WJQZ	J	Connecting Cord(PA)	AQ
78	QCNW-C247WJQZ	J	Connecting Cord(PC)	AQ
79	QCNW-C256WJQZ	J	Connecting Cord(RM)	AK
80	QCNW-C439WJQZ	J	Connecting Cord(PH) (LC-26GA4U)	AG
81	QCNW-C518WJPZ	J	Connecting Cord(MB)	AV
82	QCNW-C522WJQZ	J	Connecting Cord(PB)	AK
83	QCNW-C687WJQZ	J	Connecting Cord(SA/SC)	AN
91	QCNW-C686WJQZ	J	Connecting Cord(SP/RA)	AN
92	QPWBHC570WJPZ	J	Connecting Cord(FP)	AY
93	QPWBMC494WJPZ	J	Connecting Cord	AM
94	*Not Available*	–	Serial No. Label	—
95	QEARPA120WJFW	J	Grounding Part	AG
96	QEARZA065WJZZ	J	Grounding Part	AE

CABINET AND MECHANICAL PARTS


H
G
F
E
D
C
B
A
1
2
3
4
5
6
3
3-2
3-1
3-4
3-3
3-5
57
104
106
Q
Z
23
101
76
11
11-1
11-2
11-4
11-3
12
12-1
12-2
12-3
18
106
33
D
13-3
13-2
13-1
13
10
10-1
10-2
10-3
10-4
B
1
1-1
1-2
1-3
1-4
1-5
1-6
1-7
1-8
X
97
91
104
58
101
23
96
6-3-14
6-3-11
6-3-9
6-3-13
6-3-12
6-3-7
6-3-8
6-3-1
6-3-10
6-3-3
6-3-5
6-3-6
6-3-2
6-3-4
6-3
A
E
G
C
H
I
J
F
K
L
83
m
n
63
24
107
50
49
6
6-1
6-2
6-2-1
6-2-2
6-2-3
6-4
6-5
6-6
6-7
6-8
6-9
6-10
6-11
6-12
6-13
N
O
17
15
15-1
15-2
16
16-1
16-2
16-3
5
5-1
5-2
5-3
5-4
5-5
5-6
5-7
5-8
5-9
5-10
5-11
5-12
5-13
5-14
5-15
5-16
5-17
5-18
33
2
2-1
2-2
2-3
2-4
2-5
2-6
2-7
2-8
2-9
2-10
2-11
2-12
2-13
22
94
105
106
4
4-1
4-2
4-3
7
7-1
7-2
7-3
46
100
101
103
w
30
34
60
K
E
M
T
27
95
45
14
99
54
115
92
8
8-1
8-2
8-3
102
25
F
39
44
93
21
53
u
v
S
h
b
o
g
p
a
d
64
65
W
9-1
9-2
36
41
47
38
37
R
72
s
c
55
k
78
T
26
81
82
69
75
52
N
O
r
q
Q
70
l
j
79
P
t
V
e
f
112
U
J
X
L
61
40
42
98
59
19
H
91
106
116
m
n
32
51
114
110
35
109
71
97
20
100
a
b
c
31
73
80
29
77
U
V
k
68
g
G
M
48
62
w
v
74
q
r
56
12

CABINET AND MECHANICAL PARTS (Continued)

Ref. No.	Part No.	★	Description	Code
97	RCORFA008WJZZ	J	Core, x2	AH
98	RCORFA023WJZZ	J	Core, x1	AK
99	XBBS930P05000	J	Screw, x2	AA
100	XBBS930P06000	J	Screw, x3	AA
101	XBPSN30P06WS0	J	Screw, x66	AA
102	XBPSN30P14JS0	J	Screw, x5	AB
103	XBPSN30P20XS0	J	Screw, x4	AB
104	XEBSN30P08000	J	Screw, x10	AA
105	XEBS940P16000	J	Screw, x6	AB
106	XEBS930P08000	J	Screw, x15	AA
107	XEBSN40P10000	J	Screw, x4	AB
108	PMLT-A145WJZZ	J	Spacer, x1	AD
109	PSLDMA422WJFW	J	DVI PWB Shield	AF
110	PSLDMA423WJFW	J	HDMI Shield	AF
111	QEARZA066WJZZ	J	Grounding Part	AC
112	LANGKA287WJFW	J	Fixing Angle	AP
114	LHLDWA035WJZZ	J	Wire Holder, x1	AC
115	XBPSN20P12JS0	J	Screw, x4	AB
116	LHLDW1072GEZZ	J	Wire Holder, x3	AA

SUPPLIED ACCESSORIES

Ref. No.	Part No.	★	Description	Code
⚠	QACCDA019WJPZ	J	AC Cord(LC-26GA4U)	AW
⚠	QACCZA022WJPZ	J	AC Cord(LC-26GA4D)	AU
	RCORFA020WJZZ	J	Core, for AC Cord (LC-26GA4D)	AN
	QCNW-A342WJZZ	J	RF Cable	AL
	RRMCGA263WJSA	J	Remote Control Unit	BC
	TCADEA028WJN1	J	Questionnaire Card (LC-26GA4U)	AD
	TiNS-B242WJZZ	J	Operation Manual (LC-26GA4U)	AX
	TiNS-B525WJZZ	J	Operation Manual (LC-26GA4D)	

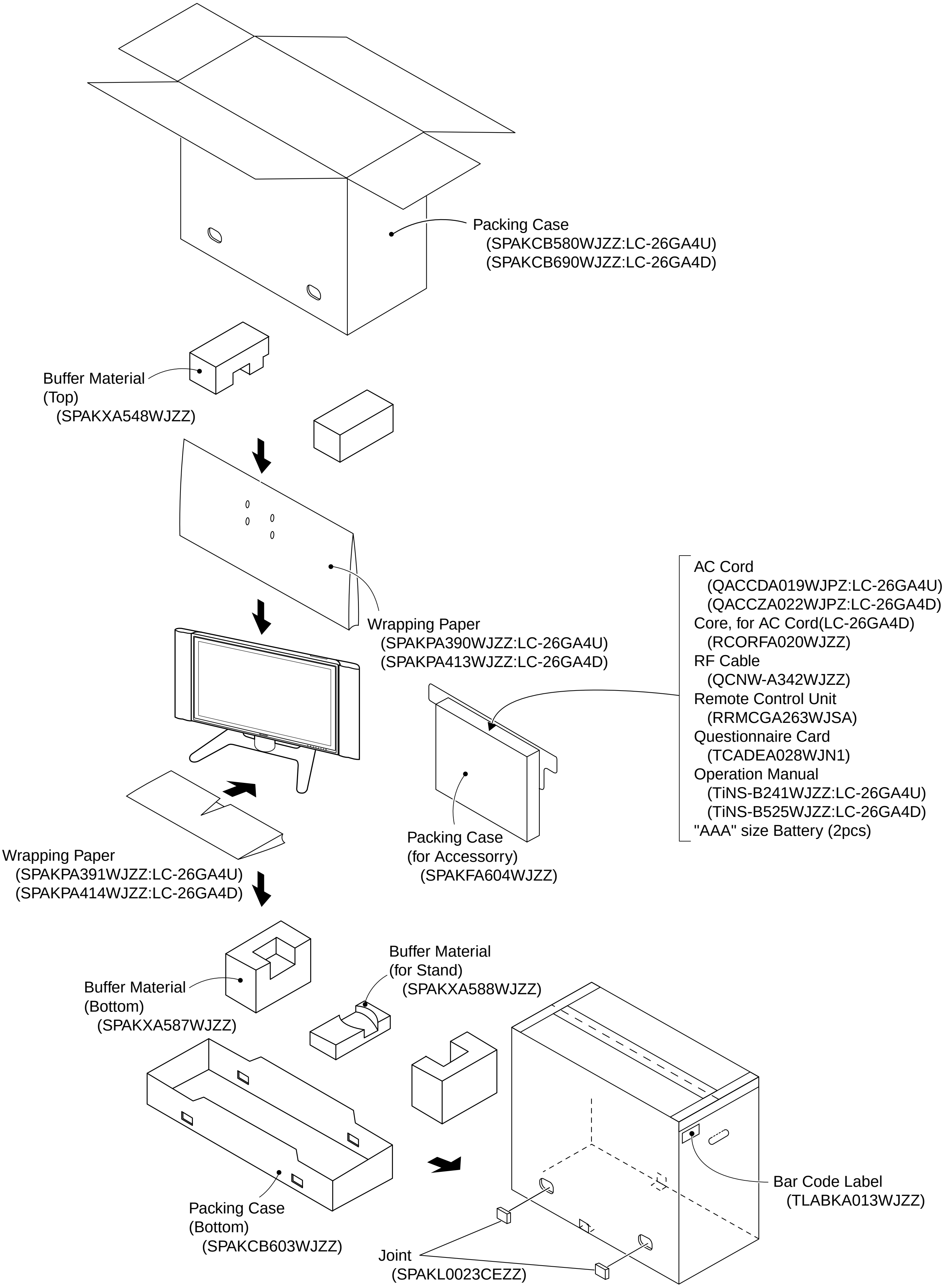
SERVICE JIGS
(EXTENSION CABLE)

Ref. No.	Part No.	★	Description	Code
	QCNW-C222WJQZ	J	80-pin, LCD CTL-LCD Panel	AW
	QCNW-C333WJQZ	J	14-pin, LCD CTL(SH)-MAIN(SH)	BA
	QCNW-C485WJQZ	J	16-pin, LCD CTL(PO/BL)-POW(PO)	AY
	QCNW-C486WJQZ	J	8-pin, LCD CTL(GV)-INV GND(GV)	AP
	QCNW-C487WJQZ	J	9-pin, AV(RM)-LCD CTL(RM)	AW
	QCNW-C492WJQZ	J	33-pin, MAIN(LV)-LCD CTL(LV)	AM
	QCNW-C493WJQZ	J	45-pin, AV(FC)-MAIN(FC)	AM
	QCNW-C735WJPZ	J	10-pin, AV(MA)-MAIN(MA)	AW
	QCNW-C736WJPZ	J	10-pin, DVI(MD)-MAIN(MD)	AW
	QCNW-C737WJQZ	J	11-pin, DVI(ME)-MAIN(ME)	AV
	QCNW-C738WJPZ	J	10-pin, DVI(MF)-MAIN(MF)	AW
	QCNW-C739WJPZ	J	15-pin, AV(MB)-MAIN(MB)	AZ
	QCNW-C740WJQZ	J	16-pin, POW(ME)-MAIN(PD/PE)	AX
	QCNW-C741WJQZ	J	9-pin, POW(DP)-CPU(DP)	AT
	QCNW-C742WJQZ	J	16-pin, AV(PC)-LCD CTL(ST) /PC CARD(PC)	AX
	QCNW-C743WJQZ	J	12-pin, AV(DS)-CPU(DU)	AQ

PACKING PARTS
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
	SPAKCB580WJZZ	–	Packing Case(LC-26GA4U)	—
	SPAKCB690WJZZ	–	Packing Case(LC-26GA4D)	—
	SPAKCB603WJZZ	–	Packing Case(Bottom)	—
	SPAKFA604WJZZ	–	Packing Case(for Accessory)	—
	SPAKL0023CEZZ	–	Joint, x4	—
	SPAKPA390WJZZ	–	Wrapping Paper (LC-26GA4U)	—
	SPAKPA413WJZZ	–	Wrapping Paper (LC-26GA4D)	—
	SPAKPA414WJZZ	–	Wrapping Paper (LC-26GA4D)	—
	SPAKPA391WJZZ	–	Wrapping Paper (LC-26GA4U)	—
	SPAKXA548WJZZ	–	Buffer Material(Top)	—
	SPAKXA587WJZZ	–	Buffer Material(Bottom)	—
	SPAKXA588WJZZ	–	Buffer Material(for Stand)	—
	SSAKA0170CEZZ	–	Polyethylene Bag, x3	—
	TLABK0001TAZZ	–	No. Label	—
	TLABKA013WJZZ		Bar Code Label	—

PACKING OF THE SET


Packing Case
(SPAKCB580WJZZ:LC-26GA4U)
(SPAKCB690WJZZ:LC-26GA4D)
Buffer Material
(Top)
(SPAKXA548WJZZ)
Wrapping Paper
(SPAKPA390WJZZ:LC-26GA4U)
(SPAKPA413WJZZ:LC-26GA4D)
AC Cord
(QACCDA019WJPZ:LC-26GA4U)
(QACCZA022WJPZ:LC-26GA4D)
Core, for AC Cord(LC-26GA4D)
(RCORFA020WJZZ)
RF Cable
(QCNW-A342WJZZ)
Remote Control Unit
(RRMCGA263WJSA)
Questionnaire Card
(TCADEA028WJN1)
Operation Manual
(TiNS-B241WJZZ:LC-26GA4U)
(TiNS-B525WJZZ:LC-26GA4D)
"AAA" size Battery (2pcs)
Packing Case
(for Accessorry)
(SPAKFA604WJZZ)
Wrapping Paper
(SPAKPA391WJZZ:LC-26GA4U)
(SPAKPA414WJZZ:LC-26GA4D)
Buffer Material
(for Stand)
(SPAKXA588WJZZ)
Buffer Material
(Bottom)
(SPAKXA587WJZZ)
Packing Case
(Bottom)
(SPAKCB603WJZZ)
Joint
(SPAKL0023CEZZ)
Bar Code Label
(TLABKA013WJZZ)

SHARP

COPYRIGHT © 2004 BY SHARP CORPORATION

ALL RIGHTS RESERVED.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission of the publisher.

TQ1787-S
Aug. 2004 Printed in Japan

Design and Production Information	
Design	: Japan
Production	: Japan

SY. KG

SHARP CORPORATION
AV Systems Group
Quality & Reliability Control Center
Yaita, Tochigi 329-2193, Japan